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EXPLANATORY NOTES

Introduction

This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey. Estimates of the labour force characteristics of family members and of family composition are also included.

2. Estimates of the civilian labour force are available for about fifty regions across Australia and are shown in various publications produced by State offices of the ABS. For details, see the list of related publications provided in paragraph 75.

3. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).

4. Although emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown later in this publication.

The population survey

5. The population survey is based on a multi-stage area sample of private dwellings (about 35,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. The information is obtained from the occupation of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

Scope

6. The labour force survey includes all persons aged 15 and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependents) stationed in Australia.

Coverage

7. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The coverage rules are, necessarily, a balance

between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraph 68 for information about the effect of the coverage rules on family statistics.

8. Persons who are away overseas from their usual residence for less than six weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey. Persons who, at the time of interview, are overseas for six weeks or more but for less than twelve months are included in the estimates on the assumption that their labour force characteristics are similar to those of the persons responding in the survey.

Definitions

9. The labour force category to which a person is assigned depends on the *actual activity* undertaken during the reference week (i.e. whether working, looking for work, etc.). The following definitions, which conform closely to the international standard definitions specified by the International Labour Office (ILO), relate only to those persons within the scope of the survey.

10. *Employed persons* comprise all those aged 15 and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
- (b) worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

11. *Full-time workers* are those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the reference week. *Part-time workers* are those who usually work less than 35 hours a week and who did so during the reference week. When recording hours of work, fractions of an hour are disregarded.

12. *Hours of work*. The figures of aggregate hours and of average hours refer to actual hours worked during the reference week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary

absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown, etc. When hours of work are recorded, fractions of an hour are disregarded and this results in slightly lower figures than would be the case if actual time worked was recorded. Persons stood down for the whole of the reference week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the reference week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are excluded from the calculations.

13. The *employment/population ratio* for any group is the number of employed persons expressed as a percentage of the civilian population aged 15 and over in the same group.

14. *Unemployed persons* are those aged 15 and over who were not employed during the reference week, and

(a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:

(i) were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or

(ii) were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then;

or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

15. *Actively looking for work* includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives. The active steps were asked in the order shown in the table in this publication showing unemployed persons classified by active steps taken. Since only one response was recorded for each person asked this particular question, the estimates do not reflect the relative importance of the steps taken to find work.

16. *Unemployed persons looking for first job* are those who had never worked full time for two weeks or more.

17. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

18. *Duration of unemployment* is the period from the time the person began looking for work or was stood down to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full time for two weeks or more to the end of the reference week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. *Average (mean) duration* is obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group. *Median duration* is the duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

19. *Unemployed persons classified by industry and occupation.* Unemployed persons who had worked full time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job. *Unemployment rates* by industry and occupation are only available for February, May, August and November.

20. The *labour force* comprises all persons who, during the reference week, were employed or unemployed, as defined above.

21. *Persons not in the labour force* are those who, during the reference week, were not in the categories employed or unemployed, as defined above. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation. Specific surveys of persons not in the labour force indicate that a number want to work but are not classified as unemployed because they were not actively looking for work and/or were not available to begin work in the reference week. Included in this group are the discouraged jobseekers and other persons marginally attached to the labour force.

22. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. Because it is not practicable to ascertain information about school attendance or birthplace for persons in institutions (who are classified as not in the labour force), labour force participation rates for persons classified by school attendance or birthplace are calculated using population estimates which exclude those in institutions.

23. *Persons attending school or a tertiary educational institution.* Persons attending school comprise those aged 15 to 19 who, during the reference week, were enrolled full time at secondary or high schools. Persons attending a tertiary educational institution comprise those aged 15 to 24 who were enrolled full time at universities, colleges of advanced education, technical colleges, colleges of technical and further education, and theological colleges. Excluded are persons enrolled at coaching and business schools. Persons attending school or a tertiary educational institution are classified as in the labour force if they were employed or unemployed as defined above. Because it is

not practicable to ascertain from persons in institutions such as hospitals, gaols, sanatoriums, etc. (who are classified as not in the labour force) whether or not they are enrolled at secondary or high schools or tertiary educational institutions, such persons are excluded from estimates classified by attendance at school or a tertiary educational institution.

24. Persons classified by *labour force status* are classified according to whether or not they are in the labour force. Persons in the labour force classified by *employment status* are classified according to whether they are employed or unemployed. The February, May, August and November issues of this publication include tables showing estimates of employed persons, obtained from the labour force survey, classified by *status of worker* i.e. whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

25. *Industry* is classified according to the *Australian Standard Industrial Classification (ASIC) 1983* (1201.0 and 1202.0) and *occupation* according to the *Australian Standard Classification of Occupations (ASCO) 1986* (1222.0).

26. Occupational data classified to ASCO was introduced for the August 1986 survey, replacing the *Classification and Classified List of Occupations (CCLO), Revised November 1980* used in previous surveys. The new classification relies on the level and specialisation of skill required to satisfactorily perform primary tasks as its classificatory variable and is therefore significantly different from the previous classification. The appendix in the August 1986 issue of this publication contains a more detailed explanation of the concepts and structure underlying the classification.

27. A matrix of the two classifications at the broadest classification level (Major Group) was given in Table 41 of the August 1986 issue of this publication. The estimates contained in the matrix were derived from a subsample of respondents in the May 1986 Labour Force Survey. The responses to questions on the occupations of employed persons were coded to both ASCO and CCLO classifications and the matrix was produced by cross-classifying ASCO Major Groups by CCLO Major Groups. A similar matrix, but on the basis of Minor Groups, is available also. More information is available on request from the contact officer whose name appears on the front of this publication.

28. In the labour force survey, persons are classified as *married or not married*. Marital status is determined from information supplied by the respondent about the individual himself or herself and, where the person was reported as being married, about the living arrangements of persons usually resident in the household. Therefore, marital status does not necessarily reflect legal status. Persons are classified as married if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household. Persons who live in a de facto relationship but do not volunteer this information when asked whether they are married are classified as not married. For details of discontinuities in estimates of marital status, see paragraph 43.

29. The determination of *family relationships* and composition is complex, involving many factors. The following description outlines the major principles used for this survey. A *family* is defined to consist of two or more related persons usually resident in the same household at the time of the survey. A family comprises a married couple or a family head (as defined in paragraph 31) together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own; or
- (c) any children under 15 years of age who do not have a parent present.

30. The following points should be noted in relation to the definition of a family in the previous paragraph:

- (a) the term *relationship* includes relationships by blood, marriage or adoption;
- (b) a family, as defined, can contain no more than two married persons, and can contain two married persons only if these persons are husband and wife (referred to as *married-couple families*);
- (c) *other families* are families other than married-couple families as defined above. From the definition of married and not married in paragraph 28 it can be seen that the heads of other families must, by definition, be not married. In addition to one-parent families, this category includes families in which there is no parent, for example a family head living with a brother or sister;
- (d) persons are defined as *not a member of a family* if they are not related to any other member of the household in which they are living. A person is considered to be *living alone* if he or she is the sole member of a household. Thus, a person who is the sole occupant of a self-contained flat attached to another dwelling is considered to be living alone;
- (e) the terms *usually reside* and *present* are synonymous, and refer to persons who were identified by the respondent as usual residents of the household at the time of the survey.

31. The *family head* of an *other family* is the parent in the case of a one-parent family or, in the case of other groups of related persons, is generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

32. *Dependents* (previously described as *dependent children*) comprise all family members under 15 years of age; all family members aged 15 to 19 attending school; and all family members aged 15 to 24 who are full-time students at a tertiary or further educational institution.

33. The areas determining the six *State capital cities* are the Statistical Divisions for those capital cities defined in *Census of Population and Housing 30 June 1981, Persons and Dwellings in Local Government Areas and Urban Centres (Preliminary)* (2401.0-2408.0). Capital City Statistical Divisions are predominantly urban in character and the boundaries are delineated to contain the anticipated urban development of the capital cities (and associated urban centres) for a period of at least 20 years.

Population benchmarks

34. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are derived from incomplete information about population changes.

Revision of series

35. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1984 to take account of the results of the 1981 Census, which affected all the monthly estimates from February 1978 to January 1984.

36. Following the change in official population estimates to a place of usual residence basis after the 1981 Census, the population benchmarks used in the estimation of labour force survey data are compiled according to place of usual residence. For an explanation of the conceptual basis of population estimates see *Information Paper: Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates* (3216.0). To co-ordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to enable identification of each respondent's place of usual residence. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

37. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

38. The questionnaire used in the survey for the collection of labour force data has been revised a number of times, the latest occasion being for the April 1986 survey. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984 and June 1986.

39. The latest revision to the questionnaire, in April 1986, follows the extension of the definition of employed persons to include persons who worked without pay

between 1 and 14 hours per week in a family business or on a farm (i.e. unpaid family helpers). This new definition aligns the Australian labour force concepts with a set of changed international definitions adopted by the International Labour Office at the 13th Conference of Labour Statisticians in October 1982.

40. Previously, such persons who worked 1 to 14 hours, or who had such a job but were not at work, were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work. In order to assist users to assess the impact of the change, estimates for March 1986 based on the new definition were shown in footnotes to Tables 1 and 2 of the February, March and April 1987 issues of this publication.

41. A revised procedure for weighting families estimates, as presented in this publication, was also introduced in April 1986. Additional tables were included in the April 1986 issue of this publication to show the impact of this new procedure. Paragraph 70 contains more details.

Comparability of series

42. As noted in paragraphs 35 and 36, estimates from February 1978 have been revised to conform to revised population estimates following the 1981 Census, and are thus not strictly comparable with estimates for periods prior to February 1978 which have not been revised. The appendix to the February 1984 issue of this publication contains adjustment factors enabling users to calculate the expected effect of the revisions to estimates for periods prior to February 1978.

43. Paragraph 28 outlines the definition of marital status now used in the labour force survey. In conjunction with the revision of estimates back to February 1978 to conform to revised population estimates, a revision to take account of the new definition of marital status was also applied. Consequently, estimates of marital status contained in this publication are not comparable with estimates published before the February 1984 issue which classified as married all respondents who reported that they were married or separated. The revision to the marital status classification was undertaken in two parts. First, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Second, from June 1983 onwards, the not-married category was expanded to also include persons who, although reported as married, did not have a spouse who was a usual resident of the household at the time of the survey.

44. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

Survey sample

45. For detailed information on sample design and selection see the Technical Note in *The Labour Force, Australia: Historical Summary, 1966 to 1984* (6204.0).

46. The population survey sample is reselected every five years to allow data from the latest census of population and housing to be used to improve the efficiency of the population survey sample design. The latest reselection, which used data from the 1981 Census, was introduced for the October 1982 survey.

47. The sampling fraction differs for States and Territories. This enables estimates of reasonable accuracy to be produced from all States and Territories as well as for Australia. Sampling fractions for each State and Territory are as follows: New South Wales and Victoria, 1 in 200; Queensland, 1 in 140; Western Australia, South Australia, Northern Territory and Australian Capital Territory, 1 in 100; and Tasmania, 1 in 60.

Reliability of the estimates

48. Estimates in this publication are subject to two sources of error:

- (a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Note; and
- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Differences between population census and population survey estimates

49. The results of the 1981 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

50. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the surveys. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the population census for which census labour force estimates have not been adjusted, the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraph 34), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification

of unemployed persons) and differing methods of adjustment for non-response to the survey or census.

51. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia and States, whereas the census of population and housing provides counts for small areas but in less detail than is available from the survey.

52. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

Seasonal adjustment

53. Seasonally adjusted series are published in Tables 2 and 8. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

54. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's original data. The monthly series for Australia were last reviewed in February 1987 while the State series were reviewed in December 1986. In both cases, the series were reanalysed back to February 1978. Information about the method of adjustment and seasonally adjusted figures for the States for all months since February 1978 were published in an appendix to the May 1987 issue of this publication. The February 1987 issue contained an appendix which provided similar information and series for Australia for all months back to June 1981.

Trend estimation

55. Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Tables 3 and 9 show trend estimates for the past 14 months, while the appendix to the May 1987 issue showed estimates for the six States back to 1978. The appendix to the March 1987 issue showed estimates for Australia back to February 1978. Trend series graphs are shown on pages 8 to 16.

56. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller, and after three months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned above in paragraph 54.

57. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0), and *Time Series Decomposition — an Overview* (1317.0) for more detailed information on producing trend estimates by smoothing seasonally adjusted time series data.

Month-to-month movements

58. Care should be taken in the interpretation of month-to-month movements in these estimates. Survey estimates are subject to sampling and non-sampling variability as explained in paragraph 48. Particular care should be taken in the interpretation of the seasonally adjusted series in this publication, as a short-term movement cannot be assumed to indicate a change in trend.

Gross flows

59. In order to minimise respondent burden and at the same time maintain continuity within the population survey sample, one eighth of the dwellings in the sample (except the large non-private dwellings) are replaced after each survey. Adoption of this rotation procedure, whereby about seven-eighths of the sample remains unchanged from one month to the next, enables more reliable measurements of changes in the labour force characteristics of the population to be made than would be possible if a new sample were introduced each month.

60. Because a high proportion of private dwellings selected in one survey remains in the sample for the following survey, it is possible to match the characteristics of most of the persons in those dwellings from one month to the next, to record any changes that occur, and hence to produce estimates of flows between the different categories of the population and labour force.

61. The procedures used to select persons in non-private dwellings preclude the possibility of matching any of them who may be included in successive surveys. For this and other reasons, including the mobility of the population and non-response in either or both surveys, about 10 per cent of persons in those dwellings which are included in the sample in successive months cannot be matched. Those who can be matched represent about 80 per cent of all persons in the survey.

62. Changes in the characteristics of this latter group are shown in the gross flows table. About one half of the remaining (unmatched) 20 per cent of persons in the survey are likely to have characteristics similar to those in the matched group, but the characteristics of the other half are likely to be somewhat different.

63. Gross flow estimates relate only to those persons in private dwellings for whom information was obtained in successive surveys. The expansion factors used in calculating the estimates were those applying to the second of each pair of months.

64. Although it is not possible to provide gross flow estimates for all persons in the survey it is considered that the estimates derived from matched records will be a useful guide to the magnitude of the movements between categories which underlie the changes in monthly levels. When comparing flows for different periods it is important to take into account the population represented by the matched sample, as shown in the last line of the table.

65. While every effort is made to reduce non-sampling errors to a minimum, any such errors affecting labour force status will tend to accumulate in the gross flow statistics rather than to cancel out. The estimates are also subject to sampling variability, as explained in the Technical Note. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from Table A of the Technical Note.

66. Estimates of total flows into or out of the employed category may be less than the sum of the estimates for employed full time and employed part time as the estimates for the latter two categories include movements between these two categories.

Labour force status and other characteristics of families

67. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families. This publication contains tables showing the labour force status and family status of individuals and families classified by family type, number of family members, the labour force status of persons within families, the number of children aged 0-14 present and, from the May 1986 issue onwards, the number of dependents present.

68. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may be enumerated, at the time of the survey, as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals, etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information is not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions); and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

69. In addition, in those private dwellings where it is not possible to obtain information relating to all the usual residents, no family information is recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information cannot be obtained from each usual resident. Similarly, families in which one or more members are away from the usual residence at the time of the survey are also excluded from family determination. A summary of those persons for whom family information is obtained as well as those usual residents of private dwellings for whom complete family information cannot be obtained, and those persons specifically excluded from the family determination procedures is contained in the family tables. Generally, family status is determined for more than 90 per cent of all civilians aged 15 and over.

70. Estimates of the number of families in this publication differ from those in publications prior to the April 1986 issue. This is due to the adoption of a new weighting procedure where the weight for a family is determined using an average of the weights for all family members responding to the labour force survey. Previously, the weight used to derive estimates of the number of families was determined by nomination of a proxy 'head of household' as representative of the family.

71. Revised data for March using the new weighting procedure for families and the revised definition of employed persons were shown in the April 1986 issue of this publication. Revised data for March using the new weighting procedure for families and the old definition of

employed persons as well as data using the old weighting procedure for families and the new definition for employed persons are available on request.

Additional data

72. Estimates for employed persons classified by industry, occupation and status of worker are available each February, May, August and November, and the following tables are published in issues of this publication for those months:

- Employed persons—
 - Industry and occupation—
 - Full-time and part-time workers
 - Status of worker
 - Age and birthplace
 - Hours worked
 - Industry by occupation
 - Industry subdivisions
 - Major and minor occupation groups.

73. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer print-out, manually-extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section at the front of this publication, or to Information Services in the nearest ABS Office.

Semi-logarithmic graphs

74. Graphs on pages 8, 9, 10, 13 and 14 have been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth for graphs on the same page.

Related publications

75. Users may also wish to refer to the following publications which relate to the labour force and are available on request:

The Labour Force, Australia, Preliminary (6202.0)—issued monthly

The Labour Force, Australia: Historical Summary, 1966 to 1984 (6204.0)

The Labour Force (Including Regional Estimates), New South Wales (6201.1)—issued quarterly

The Labour Force, Victoria (6201.2)—issued monthly

The Labour Force, Victorian Regions (6202.2)—issued quarterly

Information Paper, Victorian Labour Force Statistics (6262.2)

The Labour Force, Queensland (6201.3)—issued quarterly

The Labour Force: Regional Estimates, Queensland (6204.3)—issued quarterly

The Labour Force, South Australia (6201.4)—issued quarterly

The Labour Force, Regional Estimates, Western Australia (6201.5)—issued quarterly

Labour Force Statistics, Tasmania 1985 (6201.6)

Monthly Summary of Statistics, Tasmania (1303.6)—issued monthly

Labour Statistics, Australia, 1985 (6101.0)—issued annually

A Guide to Labour Statistics (6102.0)

Information Paper: Questionnaires used in the Labour Force Survey, June 1986 (6232.0)

Employed Wage and Salary Earners, Australia (6248.0)—issued quarterly

Persons Not in the Labour Force, Australia (6220.0)—issued twice-yearly

Labour Force Status and Other Characteristics of Families, Australia, June 1986 (6224.0)—issued annually

Social Indicators No. 4, 1984 (4101.0);

Information Paper: Comparison of Employment Estimates From the Labour Force Survey and the Survey of Employment and Earnings (6263.0)

A Guide to Smoothing Time Series — Estimates of 'Trend' (1316.0)

Time Series Decomposition — an Overview (1317.0)

Information Paper: Labour Force Survey — Sample Design (6269.0)

76. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

- * subject to sampling variability too high for most practical uses. See paragraph 6 of the Technical Note
- n.a. not available
- .. not applicable
- n.e.c. not elsewhere classified
- r revised

77. Estimates have been rounded and discrepancies may occur between sums of the component items and totals.

Electronic services

78. VIATEL. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

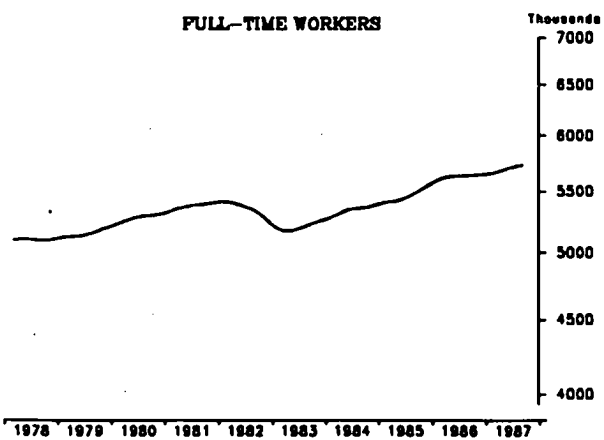
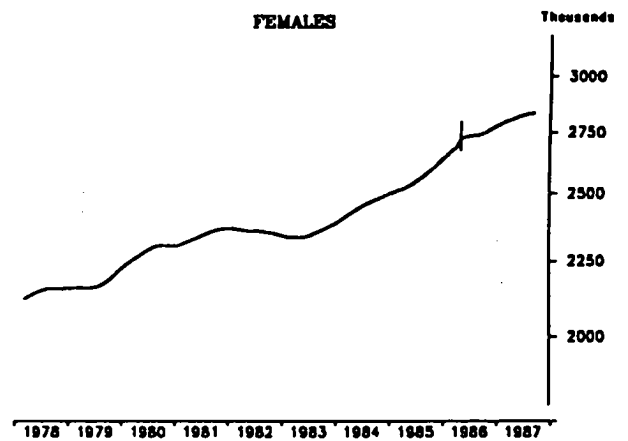
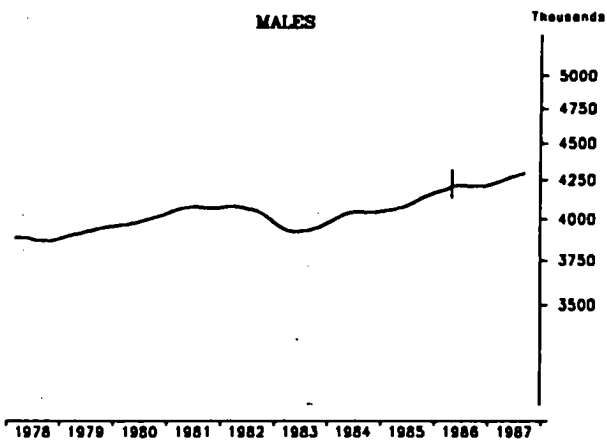
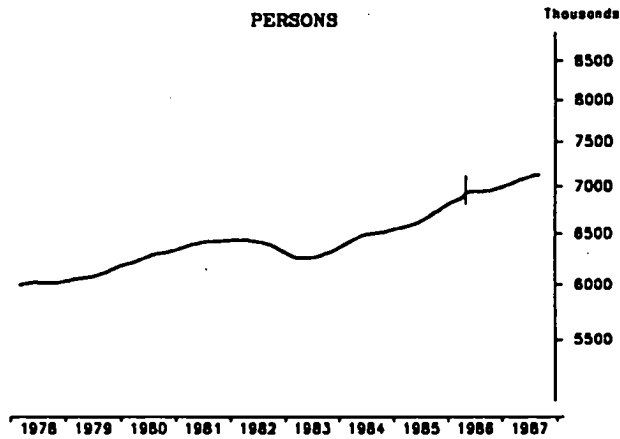
TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.

IAN CASTLES
Australian Statistician

EMPLOYED PERSONS: TREND SERIES

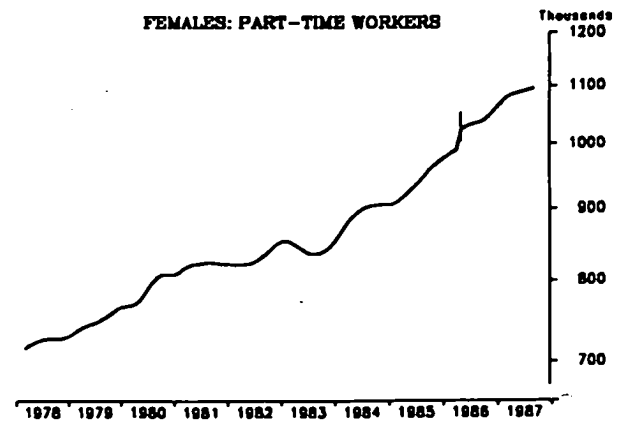
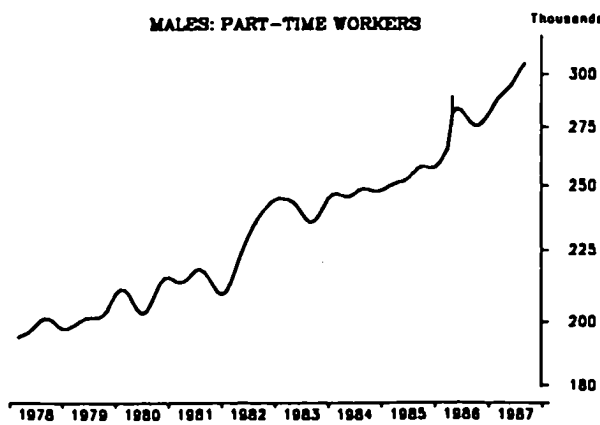
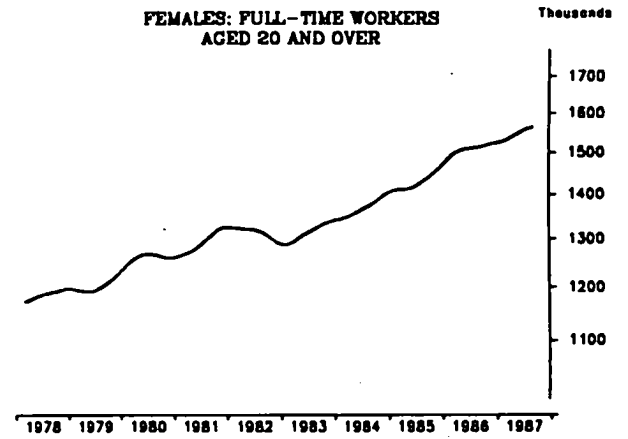
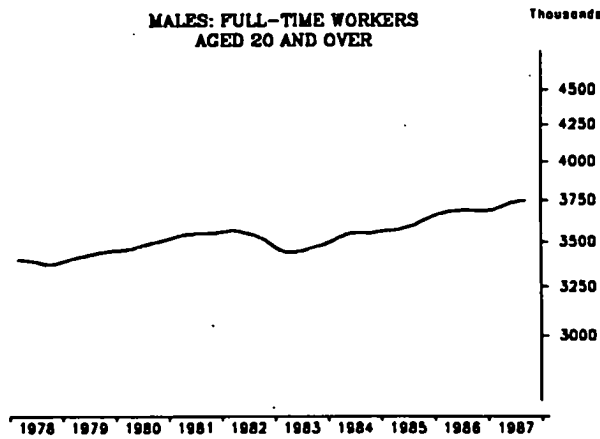
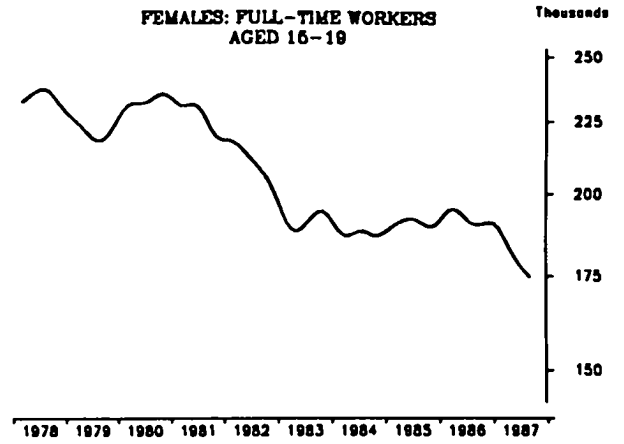
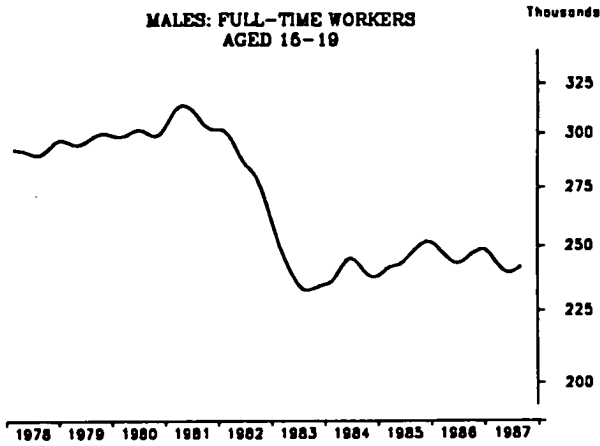
Semi-logarithmic graphs (see paragraph 74)



Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 39 and 40 of the Explanatory Notes.

EMPLOYED PERSONS: TREND SERIES

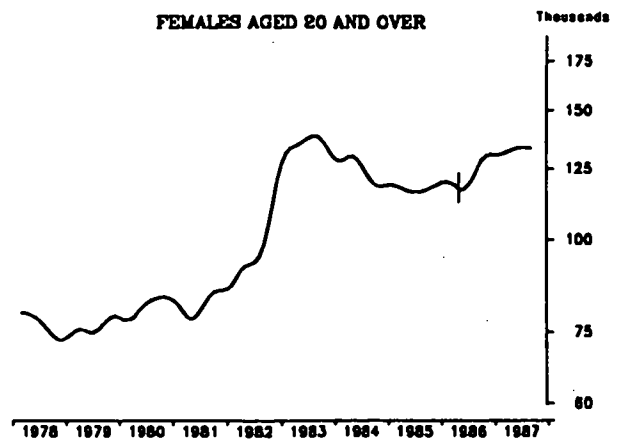
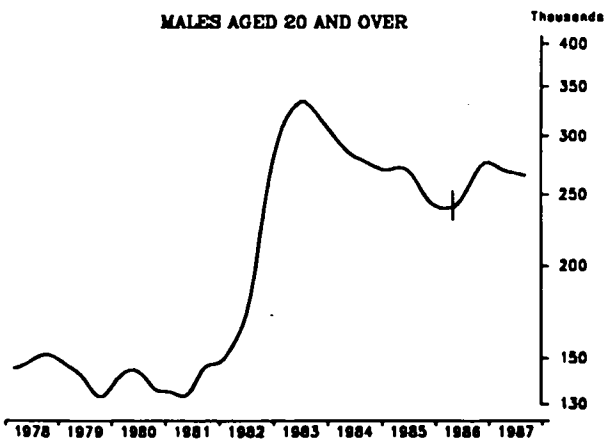
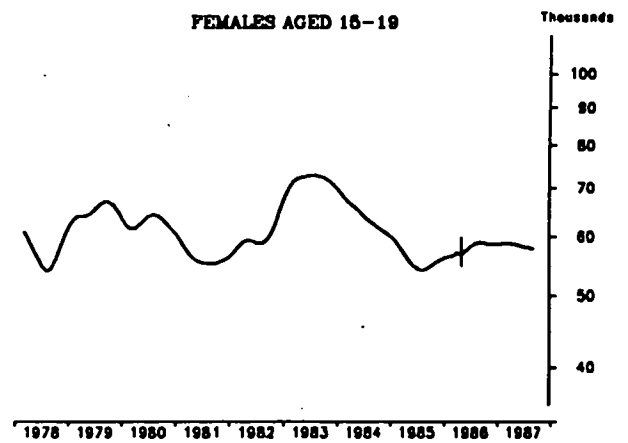
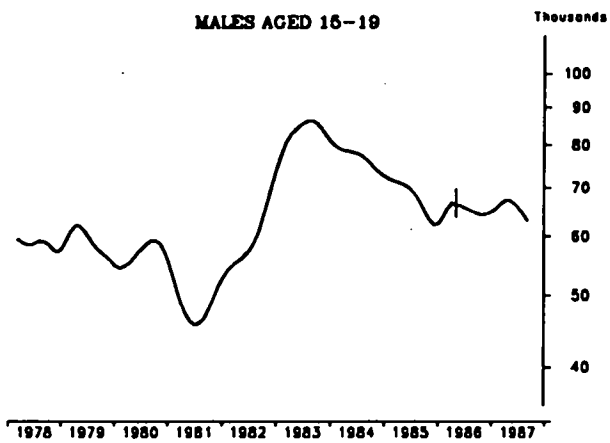
Semi-logarithmic graphs (see paragraph 74)



Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 39 and 40 of the Explanatory Notes.

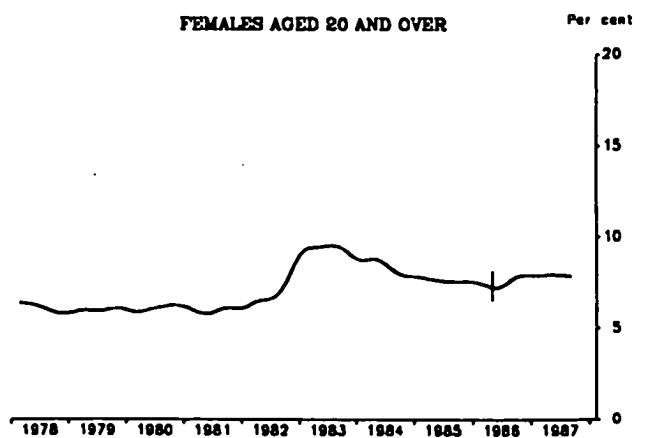
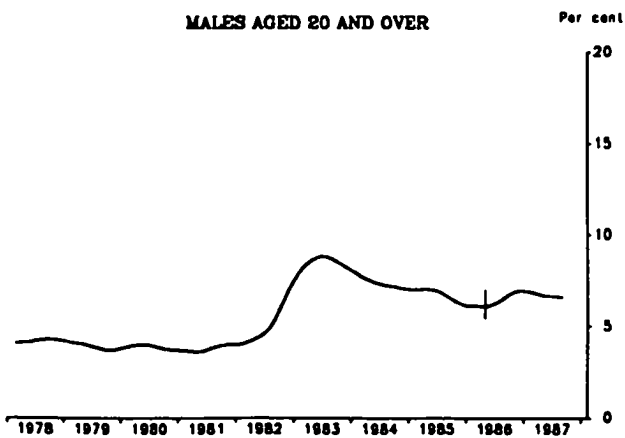
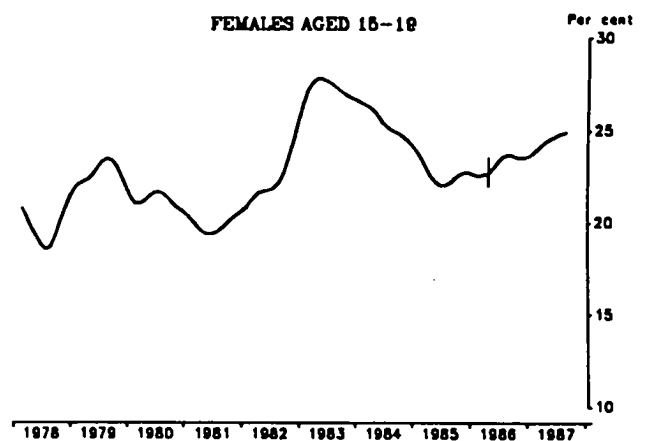
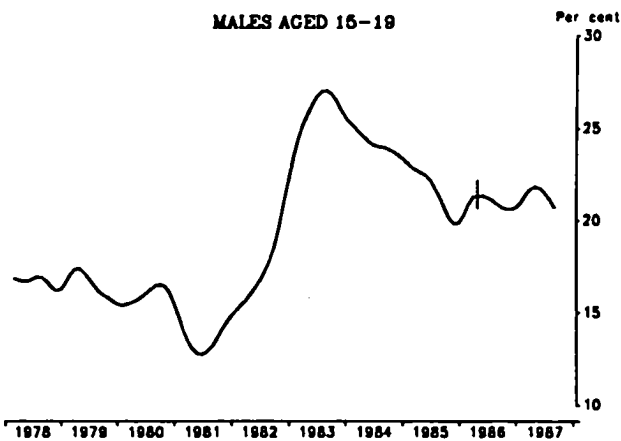
UNEMPLOYED PERSONS LOOKING FOR FULL-TIME WORK: TREND SERIES

Semi-logarithmic graphs (see paragraph 74)



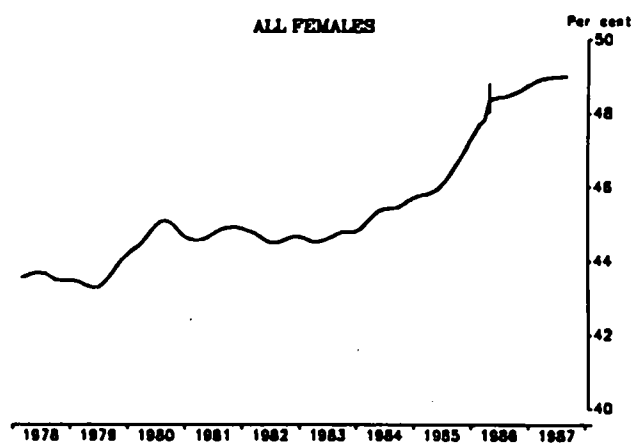
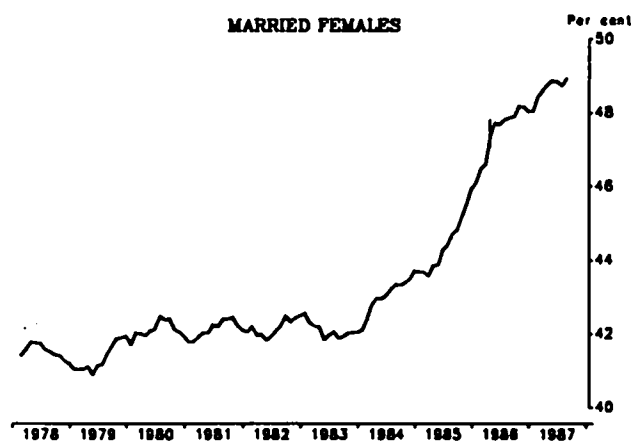
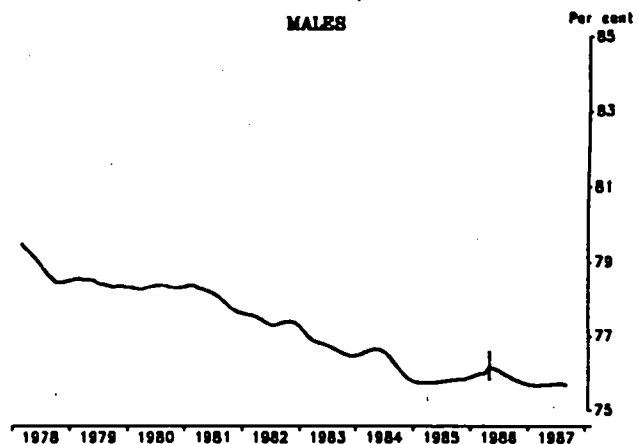
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UNEMPLOYMENT RATE FOR THOSE PERSONS LOOKING FOR FULL-TIME WORK: TREND SERIES



| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 39 and 40 of the Explanatory Notes.

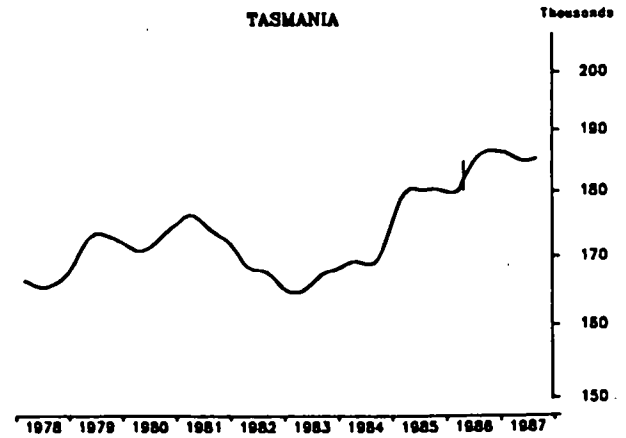
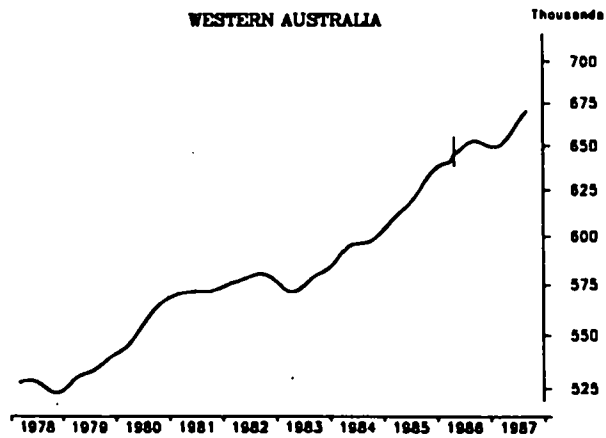
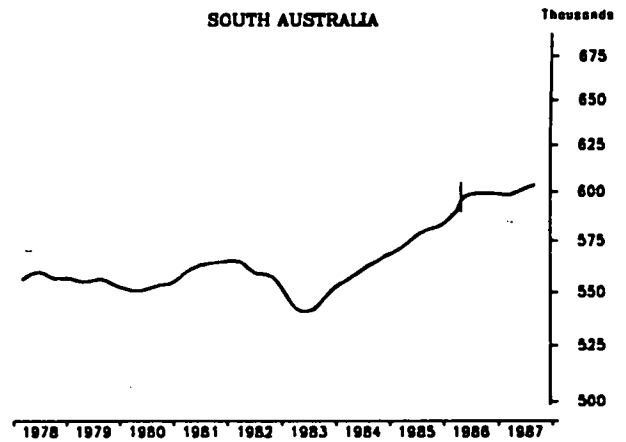
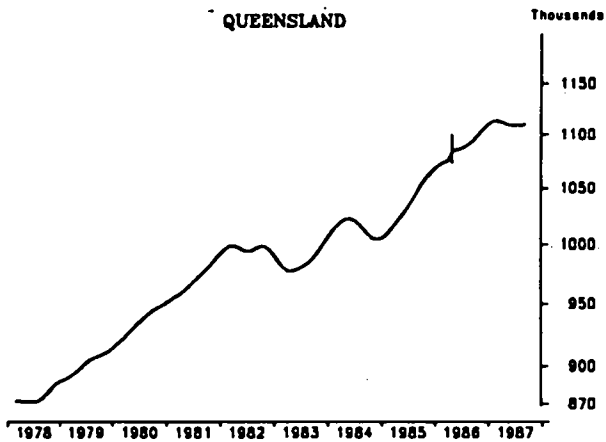
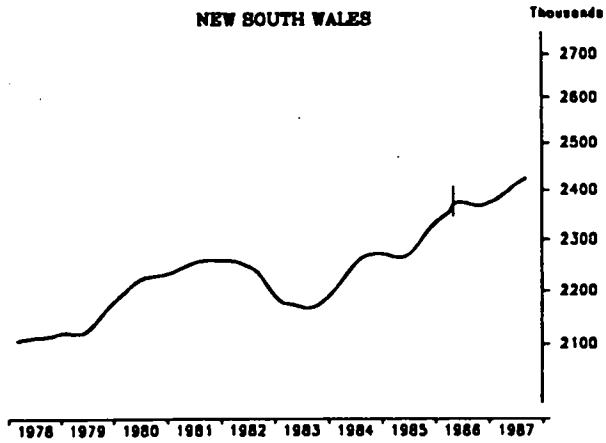
PARTICIPATION RATE: TREND SERIES



| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 39 and 40 of the Explanatory Notes.

EMPLOYED PERSONS: TREND SERIES

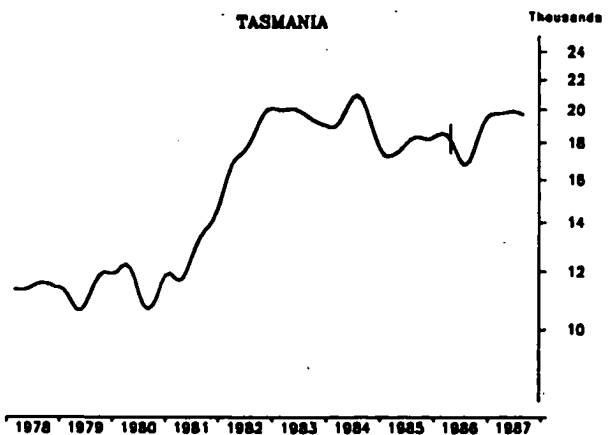
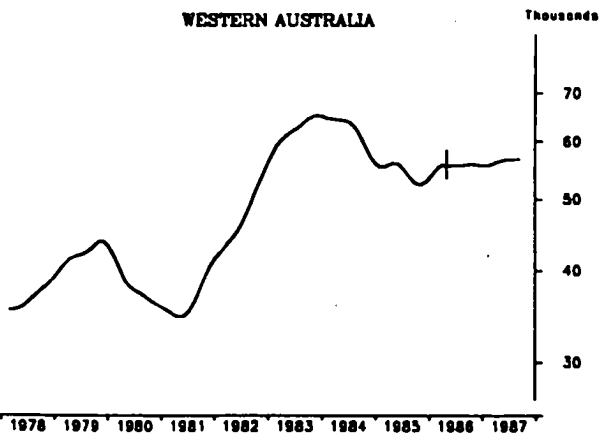
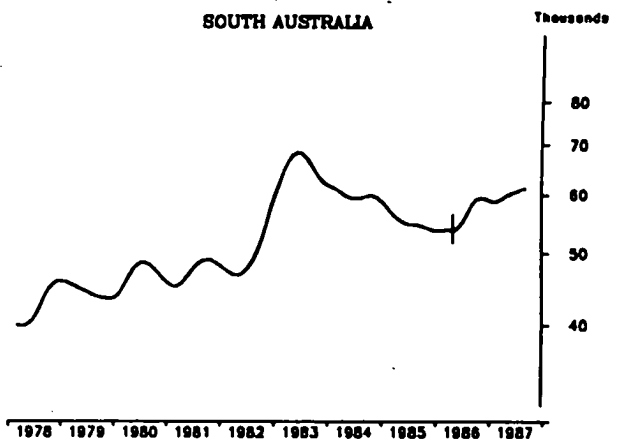
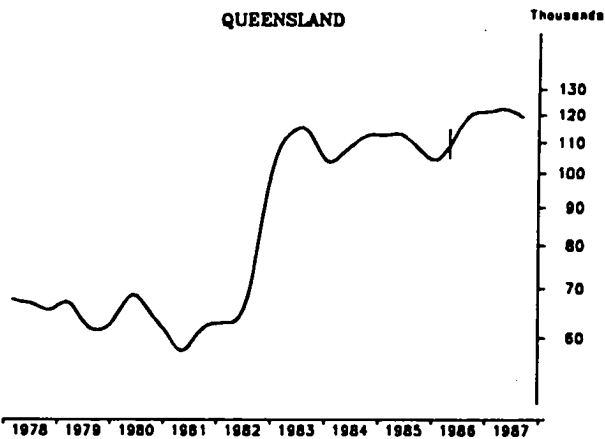
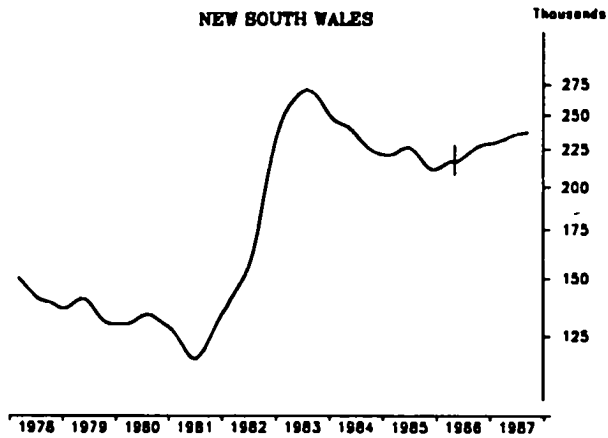
Semi-logarithmic graphs (see paragraph 74)



Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 39 and 40 of the Explanatory Notes.

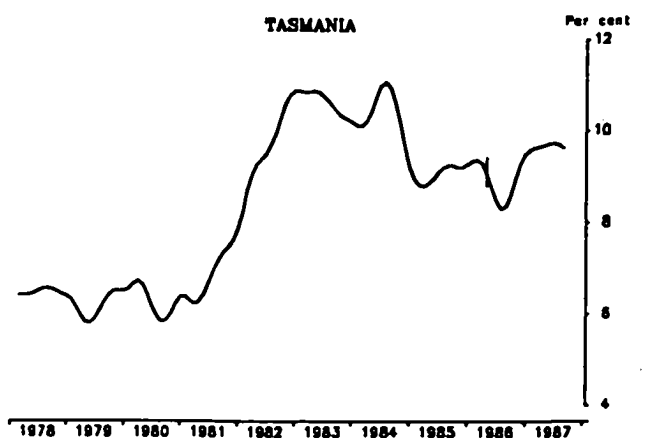
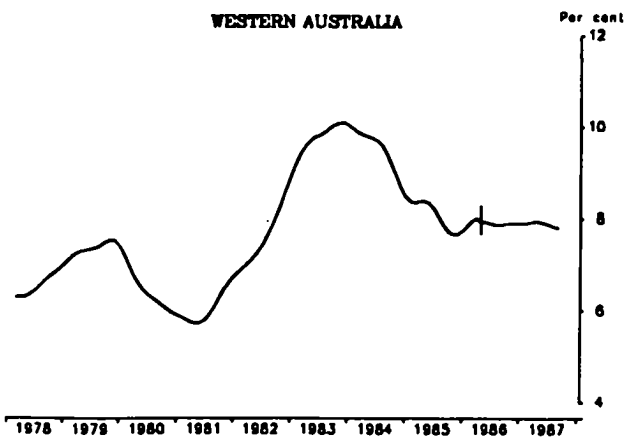
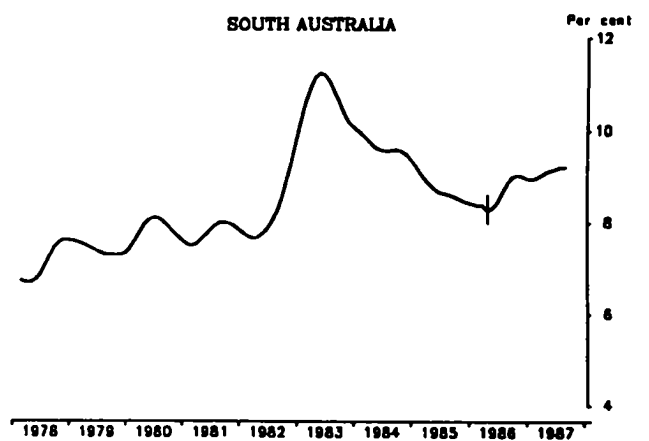
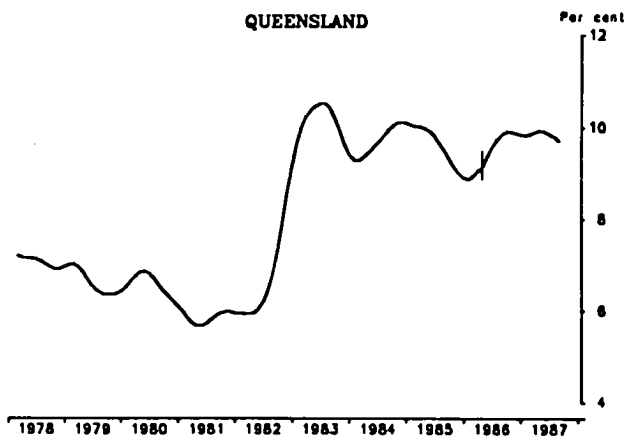
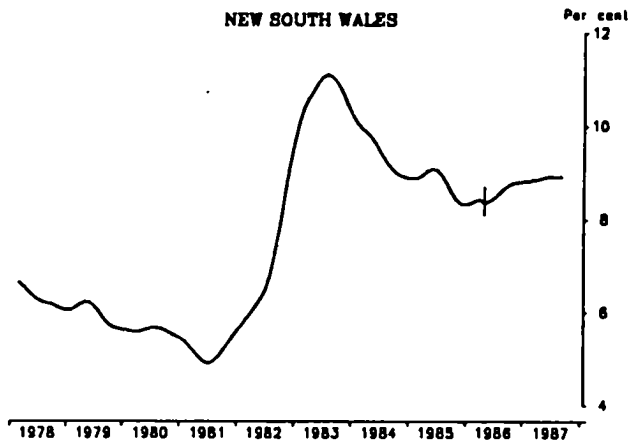
UNEMPLOYED PERSONS: TREND SERIES

Semi-logarithmic graphs (see paragraph 74)



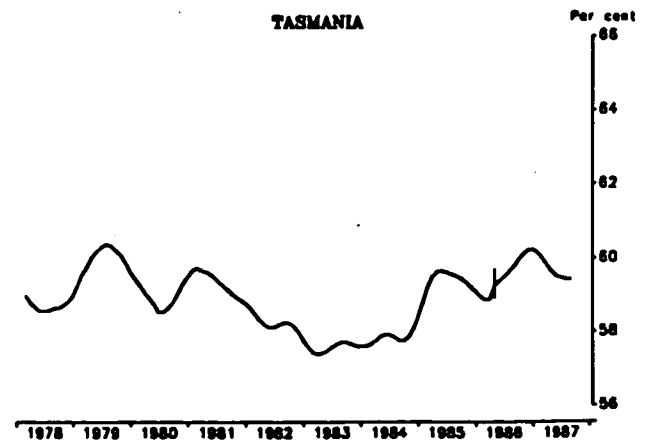
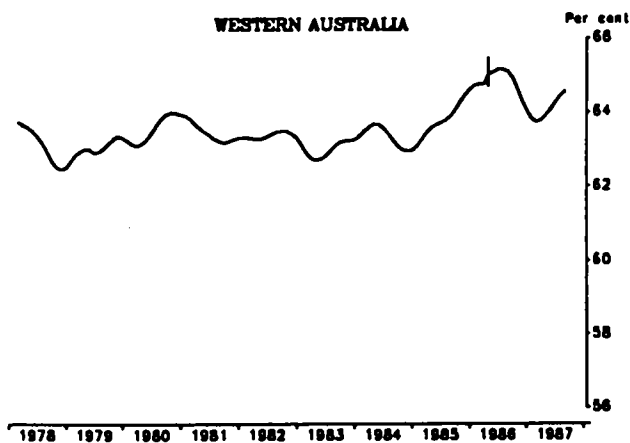
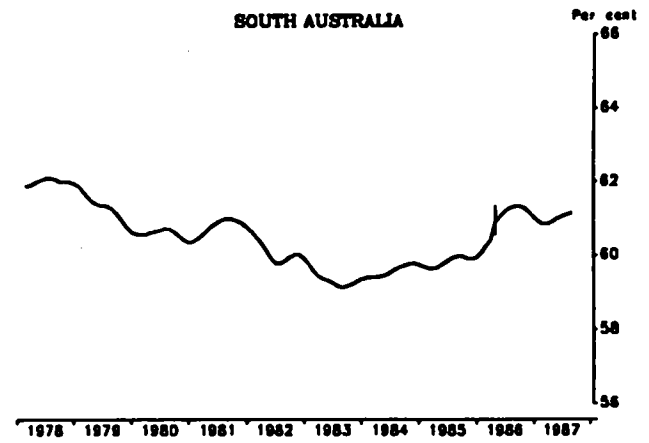
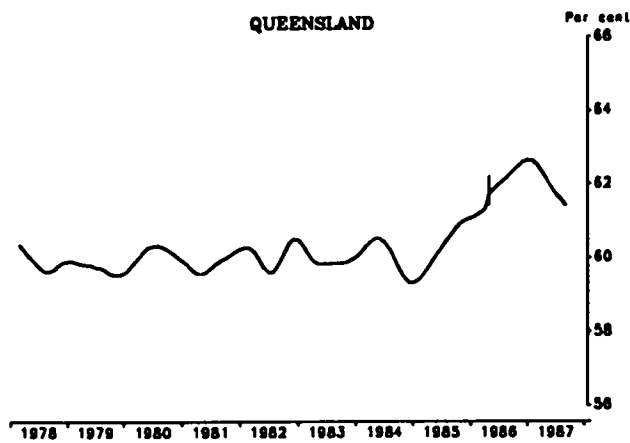
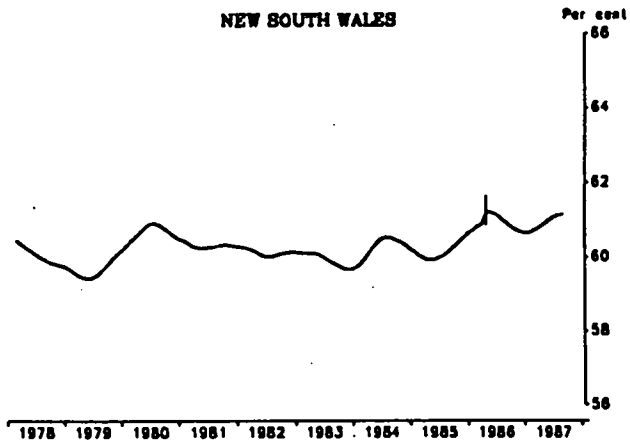
Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 39 and 40 of the Explanatory Notes.

UNEMPLOYMENT RATE: TREND SERIES



| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 39 and 40 of the Explanatory Notes.

PARTICIPATION RATE: TREND SERIES



Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 39 and 40 of the Explanatory Notes.

TABLES

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER (continued)

Month	Employed		Unemployed		Looking for part-time work		Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Aged 15-19 looking for first job	Total	Looking for part-time work	Total					
- '000 -								- per cent -			
ALL FEMALES											
1986 -											
July	1,703.5	2,753.7	21.4	173.5	78.9	252.4	3,006.1	3,189.4	6,195.5	8.4	48.5
August	1,680.7	2,705.9	19.5	170.8	76.9	247.6	2,953.6	3,253.1	6,206.7	8.4	47.6
September	1,711.2	2,770.4	14.9	184.4	84.7	269.1	3,039.5	3,178.5	6,218.0	8.9	48.9
October	1,717.9	2,776.5	16.5	171.0	78.1	249.1	3,025.6	3,205.2	6,230.7	8.2	48.6
November	1,716.7	2,798.0	18.5	169.1	69.3	238.4	3,036.4	3,207.1	6,243.5	7.9	48.6
December	1,739.7	2,818.7	30.4	197.4	72.6	269.9	3,088.6	3,167.7	6,256.3	8.7	49.4
1987 -											
January	1,719.8	2,684.6	35.3	204.2	64.7	269.0	2,953.6	3,314.3	6,267.9	9.1	47.1
February	1,717.6	2,767.3	29.3	218.3	85.9	304.2	3,071.5	3,207.9	6,279.5	9.9	48.9
March	1,733.6	2,835.0	22.9	211.0	106.3	317.3	3,152.3	3,138.8	6,291.0	10.1	50.1
April	1,726.2	2,822.4	20.9	203.7	91.1	294.8	3,117.2	3,184.9	6,302.1	9.5	49.5
May	1,721.6	2,829.1	15.9	192.7	75.4	268.1	3,097.2	3,216.1	6,313.3	8.7	49.1
June	1,717.9	2,833.4	17.2	179.5	70.5	249.9	3,083.3	3,241.3	6,324.6	8.1	48.8
July	1,757.0	2,851.7	15.9	183.4	72.5	255.9	3,107.6	3,227.4	6,335.0	8.2	49.1
August	1,709.2	2,810.8	18.7	178.1	76.9	254.9	3,065.8	3,279.6	6,345.4	8.3	48.3
Standard error of -											
August 1987 estimates	11.6	13.7	1.9	5.0	3.5	5.8	14.1	14.4	..	0.2	0.2
July 87 to August 87 movements	9.4	11.2	1.7	4.0	2.9	4.6	11.6	11.8	..	0.1	0.2
PERSONS											
1986 -											
July	5,631.2	6,958.4	42.0	490.9	103.2	594.2	7,552.6	4,652.0	12,204.5	7.9	61.9
August	5,582.4	6,885.7	37.0	490.7	105.0	595.6	7,481.4	4,745.6	12,226.9	8.0	61.2
September	5,666.9	7,007.6	31.8	517.6	114.0	631.6	7,639.2	4,610.3	12,249.5	8.3	62.4
October	5,661.9	7,000.3	33.7	485.9	104.2	590.1	7,590.4	4,684.4	12,274.9	7.8	61.8
November	5,647.6	7,006.9	36.3	489.1	94.2	583.3	7,590.2	4,710.1	12,300.3	7.7	61.7
December	5,724.0	7,092.0	65.3	545.7	109.8	655.5	7,747.4	4,578.4	12,325.8	8.5	62.9
1987 -											
January	5,648.8	6,878.3	70.3	575.0	96.4	671.4	7,549.7	4,799.1	12,348.8	8.9	61.1
February	5,681.0	6,998.2	63.5	581.1	118.4	699.6	7,697.8	4,673.9	12,371.7	9.1	62.2
March	5,706.2	7,109.1	45.8	562.4	140.2	702.5	7,811.6	4,583.1	12,394.7	9.0	63.0
April	5,687.5	7,087.7	41.5	530.8	121.3	652.1	7,739.8	4,678.4	12,418.2	8.4	62.3
May	5,680.2	7,084.0	38.1	530.6	104.4	635.0	7,719.0	4,721.9	12,440.9	8.2	62.0
June	5,690.8	7,111.2	34.3	506.2	97.4	603.6	7,714.8	4,749.0	12,463.8	7.8	61.9
July	5,771.9	7,157.8	35.3	510.9	99.3	610.2	7,768.0	4,715.5	12,483.5	7.9	62.2
August	5,656.3	7,073.2	36.5	495.4	106.5	601.9	7,675.1	4,828.1	12,503.2	7.8	61.4
Standard error of -											
August 1987 estimates	17.1	18.3	2.5	7.5	4.1	8.0	18.8	16.3	..	0.1	0.2
July 87 to August 87 movements	14.6	15.8	2.2	5.9	3.3	6.3	16.3	13.7	..	0.1	0.1

TABLE 2. CIVILIAN LABOUR FORCE: SEASONALLY ADJUSTED SERIES

Month	Employed		Unemployed		Looking for		Labour force	Unemployment rate	Participation rate		
	Full-time workers	Total	Aged 15-19 looking for first job	Total	Looking for part-time work	Total					
										Looking for full-time work	
- '000 -							- per cent -				
MALES											
1986 -											
July	3,925.3	4,205.0	26.8	327.0	29.6	356.6	4,561.6	7.8	75.9		
August	3,935.9	4,214.5	21.3	321.8	30.1	351.9	4,566.3	7.7	75.9		
September	3,942.4	4,219.3	20.3	333.9	27.7	361.6	4,580.9	7.9	76.0		
October	3,940.5	4,213.3	21.6	337.3	29.0	366.3	4,579.6	8.0	75.8		
November	3,933.8	4,203.0	21.8	343.5	28.8	372.3	4,575.2	8.1	75.5		
December	3,942.0	4,236.1	23.1	346.8	31.0	377.7	4,613.8	8.2	76.0		
1987 -											
January	3,940.1	4,223.3	22.4	342.9	27.1	370.0	4,593.3	8.1	75.5		
February	3,953.3	4,239.0	24.8	331.7	34.2	365.8	4,604.8	7.9	75.6		
March	3,960.4	4,259.8	21.2	341.3	30.4	371.6	4,631.4	8.0	75.9		
April	3,977.9	4,266.4	24.2	329.8	30.1	360.0	4,626.3	7.8	75.6		
May	3,967.4	4,257.7	28.3	341.1	27.2	368.4	4,626.1	8.0	75.5		
June	3,983.8	4,287.9	21.9	335.6	28.9	364.5	4,652.4	7.8	75.8		
July	4,012.7	4,306.8	25.1	337.1	32.9	370.0	4,676.8	7.9	76.1		
August	3,981.0	4,297.2	21.7	318.6	31.7	350.3	4,647.4	7.5	75.5		
MARRIED FEMALES											
1986 -											
July	901.7	1,674.0	n.a.	63.6	43.0	106.7	1,780.6	6.0	48.3		
August	895.8	1,662.4	n.a.	55.7	44.8	100.5	1,762.9	5.7	47.6		
September	898.8	1,677.9	n.a.	57.7	43.4	101.1	1,779.0	5.7	47.9		
October	907.0	1,686.2	n.a.	58.3	43.4	101.7	1,787.9	5.7	48.3		
November	899.6	1,685.5	n.a.	56.5	39.2	95.6	1,781.1	5.4	47.9		
December	904.0	1,701.0	n.a.	61.5	36.6	98.1	1,799.1	5.5	48.1		
1987 -											
January	908.6	1,704.1	n.a.	61.6	41.5	103.1	1,807.2	5.7	48.2		
February	890.5	1,697.1	n.a.	56.7	44.0	100.7	1,797.8	5.6	48.3		
March	901.3	1,698.5	n.a.	63.2	48.5	111.6	1,810.1	6.2	48.7		
April	900.3	1,702.6	n.a.	68.8	41.5	110.3	1,813.0	6.1	48.8		
May	906.7	1,705.0	n.a.	65.9	41.2	107.0	1,812.0	5.9	48.8		
June	913.0	1,713.5	n.a.	60.5	38.0	98.5	1,812.0	5.4	48.6		
July	926.1	1,716.2	n.a.	71.2	40.8	112.0	1,828.2	6.1	48.8		
August	924.7	1,729.4	n.a.	67.3	44.9	112.2	1,841.6	6.1	49.2		
ALL FEMALES											
1986 -											
July	1,699.2	2,741.6	26.7	188.4	82.4	270.8	3,012.4	9.0	48.6		
August	1,704.2	2,728.4	25.6	182.5	89.1	271.6	3,000.0	9.1	48.3		
September	1,700.0	2,746.4	18.2	191.4	77.5	268.9	3,015.3	8.9	48.5		
October	1,727.0	2,770.7	21.9	191.8	81.2	273.0	3,043.7	9.0	48.8		
November	1,714.6	2,763.4	23.4	188.3	76.1	264.4	3,027.9	8.7	48.5		
December	1,711.9	2,778.7	22.3	191.6	75.1	266.7	3,045.4	8.8	48.7		
1987 -											
January	1,718.4	2,797.1	23.4	186.4	81.9	268.3	3,065.5	8.8	48.9		
February	1,718.1	2,802.4	20.8	187.3	78.8	266.0	3,068.5	8.7	48.9		
March	1,721.3	2,800.4	20.7	192.2	86.8	279.0	3,079.4	9.1	48.9		
April	1,730.4	2,818.2	22.6	199.7	81.1	280.8	3,099.0	9.1	49.2		
May	1,728.0	2,819.9	17.8	192.6	73.0	265.6	3,085.5	8.6	48.9		
June	1,733.2	2,828.7	19.6	182.9	71.3	254.2	3,082.9	8.2	48.7		
July	1,752.1	2,838.8	19.8	198.8	75.7	274.5	3,113.2	8.8	49.1		
August	1,732.6	2,834.2	24.5	190.1	89.2	279.2	3,113.5	9.0	49.1		
PERSONS											
1986 -											
July	5,624.4	6,946.6	53.5	515.4	112.0	627.4	7,574.0	8.3	62.1		
August	5,640.1	6,942.9	46.9	504.4	119.1	623.5	7,566.4	8.2	61.9		
September	5,642.4	6,965.7	38.5	525.3	105.3	630.5	7,596.3	8.3	62.0		
October	5,667.5	6,984.0	43.5	529.1	110.2	639.3	7,623.3	8.4	62.1		
November	5,648.4	6,966.4	45.2	531.8	105.0	636.7	7,603.1	8.4	61.8		
December	5,653.9	7,014.8	45.4	538.4	106.0	644.5	7,659.2	8.4	62.1		
1987 -											
January	5,658.6	7,020.4	45.8	529.3	109.1	638.3	7,658.7	8.3	62.0		
February	5,671.4	7,041.4	45.6	518.9	112.9	631.9	7,673.3	8.2	62.0		
March	5,681.7	7,060.2	41.9	533.5	117.2	650.6	7,710.9	8.4	62.2		
April	5,708.3	7,084.6	46.7	529.5	111.3	640.8	7,725.4	8.3	62.2		
May	5,695.4	7,077.6	46.1	533.7	100.2	634.0	7,711.6	8.2	62.0		
June	5,717.0	7,116.6	41.5	518.5	100.2	618.7	7,735.3	8.0	62.1		
July	5,764.8	7,145.5	44.9	535.9	108.6	644.5	7,790.0	8.3	62.4		
August	5,713.6	7,131.4	46.1	508.6	120.9	629.5	7,760.9	8.1	62.1		

TABLE 3. CIVILIAN LABOUR FORCE: TREND SERIES

Month	Employed		Unemployed		Looking for full-time work		Labour force	Unemployment rate - per cent -	Participation rate
	Full-time workers	Total	Aged 15-19 looking for first job	Total	Looking for part-time work	Total			
- '000 -									
MALES									
1986 -									
July	3,937.7	4,218.0	23.2	318.9	29.0	347.9	4,565.8	7.6	76.0
August	3,938.4	4,215.9	22.4	325.6	28.7	354.4	4,570.3	7.8	75.9
September	3,938.0	4,214.0	21.9	332.4	28.7	361.1	4,575.1	7.9	75.9
October	3,937.4	4,213.8	21.7	338.0	29.0	367.0	4,580.8	8.0	75.8
November	3,938.2	4,216.8	21.8	341.4	29.4	370.7	4,587.5	8.1	75.7
December	3,941.1	4,222.9	22.1	342.2	29.8	372.0	4,594.9	8.1	75.7
1987 -									
January	3,945.7	4,231.1	22.8	341.1	30.2	371.4	4,602.5	8.1	75.7
February r	3,952.1	4,240.6	23.4	339.7	30.3	370.0	4,610.6	8.0	75.7
March r	3,960.6	4,251.5	23.9	338.1	30.2	368.2	4,619.8	8.0	75.7
April r	3,969.8	4,262.7	24.2	336.7	30.0	366.7	4,629.4	7.9	75.7
May r	3,978.1	4,273.5	24.3	335.4	29.9	365.3	4,638.9	7.9	75.7
June r	3,985.3	4,284.0	24.2	333.7	30.1	363.9	4,647.9	7.8	75.7
July r	3,991.1	4,293.6	23.9	331.6	30.5	362.2	4,655.8	7.8	75.7
August	3,994.9	4,300.7	23.5	329.6	30.7	360.3	4,661.0	7.7	75.7
MARRIED FEMALES									
1986 -									
July	896.8	1,662.1	n.a.	58.2	43.5	101.7	1,763.8	5.8	47.8
August	898.8	1,669.9	n.a.	58.3	43.2	101.5	1,771.4	5.7	47.9
September	900.9	1,677.6	n.a.	58.2	42.5	100.7	1,778.3	5.7	47.9
October	902.4	1,684.8	n.a.	58.1	41.5	99.6	1,784.4	5.6	48.2
November	902.8	1,690.9	n.a.	58.3	40.9	99.2	1,790.1	5.5	48.2
December	902.1	1,695.3	n.a.	59.1	41.0	100.2	1,795.4	5.6	48.0
1987 -									
January	900.8	1,698.4	n.a.	60.2	41.8	102.0	1,800.4	5.7	48.1
February r	899.9	1,700.2	n.a.	61.6	42.5	104.1	1,804.3	5.8	48.4
March r	900.6	1,701.5	n.a.	62.9	42.9	105.8	1,807.3	5.9	48.6
April r	903.6	1,703.9	n.a.	64.2	42.7	106.8	1,810.7	5.9	48.8
May r	908.3	1,707.6	n.a.	65.3	42.1	107.4	1,815.0	5.9	48.9
June r	913.7	1,712.4	n.a.	66.3	41.5	107.8	1,820.2	5.9	48.9
July r	919.0	1,717.4	n.a.	67.2	41.2	108.5	1,825.8	5.9	48.7
August	924.4	1,722.3	n.a.	68.1	41.2	109.3	1,831.6	6.0	48.9
ALL FEMALES									
1986 -									
July	1,703.7	2,738.6	22.5	181.0	82.0	263.0	3,001.6	8.8	48.4
August	1,705.6	2,742.6	22.7	184.8	81.9	266.7	3,009.3	8.9	48.5
September	1,708.5	2,749.2	22.7	188.0	81.0	268.9	3,018.2	8.9	48.5
October	1,711.6	2,758.6	22.5	189.6	79.7	269.3	3,027.9	8.9	48.6
November	1,714.5	2,769.7	22.3	189.9	78.9	268.8	3,038.5	8.8	48.7
December	1,716.6	2,780.7	22.2	189.9	79.0	268.9	3,049.6	8.8	48.7
1987 -									
January	1,717.9	2,790.8	22.1	190.0	79.7	269.7	3,060.5	8.8	48.8
February r	1,719.8	2,799.7	21.7	190.7	80.1	270.8	3,070.4	8.8	48.9
March r	1,722.9	2,807.5	21.0	191.4	79.7	271.1	3,078.6	8.8	48.9
April r	1,727.2	2,814.9	20.4	192.2	78.7	270.8	3,085.8	8.8	49.0
May r	1,731.7	2,821.7	20.2	192.5	77.7	270.2	3,091.9	8.7	49.0
June r	1,735.5	2,827.8	20.4	192.4	77.5	269.9	3,097.7	8.7	49.0
July r	1,738.6	2,833.1	20.7	192.3	77.9	270.2	3,103.3	8.7	49.0
August	1,741.0	2,837.5	21.4	191.9	79.1	271.1	3,108.5	8.7	49.0
PERSONS									
1986 -									
July	5,641.4	6,956.6	45.7	499.9	111.0	610.9	7,567.4	8.1	62.0
August	5,644.0	6,958.5	45.1	510.5	110.6	621.1	7,579.6	8.2	62.0
September	5,646.5	6,963.2	44.7	520.4	109.7	630.1	7,593.3	8.3	62.0
October	5,649.0	6,972.4	44.3	527.6	108.7	636.3	7,608.6	8.4	62.0
November	5,652.7	6,986.5	44.1	531.3	108.3	639.5	7,626.1	8.4	62.0
December	5,657.7	7,003.6	44.4	532.1	108.8	640.9	7,644.6	8.4	62.0
1987 -									
January	5,663.6	7,021.9	44.9	531.2	110.0	641.1	7,663.0	8.4	62.1
February r	5,671.8	7,040.2	45.2	530.4	110.4	640.8	7,681.0	8.3	62.1
March r	5,683.5	7,059.0	44.9	529.5	109.9	639.4	7,698.4	8.3	62.1
April r	5,697.0	7,077.7	44.6	528.9	108.7	637.5	7,715.2	8.3	62.1
May r	5,709.8	7,095.2	44.5	527.9	107.7	635.5	7,730.7	8.2	62.1
June r	5,720.8	7,111.8	44.6	526.2	107.6	633.7	7,745.6	8.2	62.1
July r	5,729.7	7,126.7	44.7	523.9	108.5	632.4	7,759.1	8.2	62.2
August	5,736.0	7,138.2	44.9	521.5	109.9	631.4	7,769.5	8.1	62.2

TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
MARITAL STATUS, AUGUST 1987

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
	- '000 -								- per cent -	
Males	3,947.0	4,262.3	317.3	29.7	347.0	4,609.3	1,548.5	6,157.8	7.5	74.9
Married	2,676.7	2,799.5	126.4	4.1	130.5	2,930.0	838.0	3,768.0	4.5	77.8
Not married	1,270.3	1,462.8	190.9	25.5	216.5	1,679.3	710.5	2,389.7	12.9	70.3
Females	1,709.2	2,810.8	178.1	76.9	254.9	3,065.8	3,279.6	6,345.4	8.3	48.3
Married	909.7	1,717.3	62.5	40.5	103.0	1,820.3	1,922.8	3,743.1	5.7	48.6
Not married	799.5	1,093.6	115.5	36.4	151.9	1,245.5	1,356.9	2,602.3	12.2	47.9
Persons	5,656.3	7,073.2	495.4	106.5	601.9	7,675.1	4,828.1	12,503.2	7.8	61.4

TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATES AND TERRITORIES, AUGUST 1987

State or Territory	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
- '000 -					- per cent -					
MALES										
New South Wales	1,337.9	1,442.2	122.1	7.6	129.7	1,571.9	569.7	2,141.6	8.3	73.4
Victoria	1,076.0	1,155.3	56.6	8.1	64.7	1,220.0	390.6	1,610.6	5.3	75.7
Queensland	618.7	676.9	61.3	5.6	66.9	743.8	246.3	990.1	9.0	75.1
South Australia	329.5	355.3	32.7	2.4	35.1	390.5	141.8	532.3	9.0	73.4
Western Australia	375.6	406.9	29.2	3.5	32.7	439.5	123.7	563.3	7.4	78.0
Tasmania	106.0	113.0	9.6	1.2	10.8	123.8	45.9	169.7	8.7	72.9
Northern Territory	37.4	40.7	3.0	*	3.2	43.9	11.6	55.5	7.2	79.1
Australian Capital Territory	65.7	72.1	2.9	*	3.9	76.0	18.8	94.8	5.2	80.2
Australia	3,947.0	4,262.3	317.3	29.7	347.0	4,609.3	1,548.5	6,157.8	7.5	74.9
FEMALES										
New South Wales	593.2	948.2	65.1	25.6	90.8	1,039.0	1,174.3	2,213.2	8.7	46.9
Victoria	474.5	775.9	35.8	21.5	57.3	833.2	839.7	1,672.9	6.9	49.8
Queensland	260.9	432.3	34.8	11.6	46.4	478.6	533.8	1,012.5	9.7	47.3
South Australia	128.9	238.2	19.2	6.8	26.1	264.3	291.4	555.7	9.9	47.6
Western Australia	152.0	258.0	14.2	6.7	21.0	278.9	284.7	563.6	7.5	49.5
Tasmania	41.8	70.9	5.0	2.5	7.5	78.4	97.2	175.6	9.6	44.6
Northern Territory	20.1	28.3	1.9	*	2.4	30.7	19.7	50.4	7.9	60.9
Australian Capital Territory	37.8	59.1	2.0	1.6	3.6	62.7	38.8	101.6	5.7	61.8
Australia	1,709.2	2,810.8	178.1	76.9	254.9	3,065.8	3,279.6	6,345.4	8.3	48.3
PERSONS										
New South Wales	1,931.2	2,390.4	187.2	33.3	220.5	2,610.9	1,744.0	4,354.9	8.4	60.0
Victoria	1,550.5	1,931.2	92.4	29.6	122.0	2,053.2	1,230.4	3,283.5	5.9	62.5
Queensland	879.7	1,109.2	96.1	17.2	113.2	1,222.4	780.1	2,002.6	9.3	61.0
South Australia	458.4	593.6	51.9	9.2	61.2	654.7	433.2	1,087.9	9.3	60.2
Western Australia	527.6	664.8	43.4	10.2	53.6	718.5	408.4	1,126.8	7.5	63.8
Tasmania	147.8	183.8	14.6	3.7	18.3	202.1	143.1	345.3	9.0	58.5
Northern Territory	57.5	69.0	4.9	*	5.6	74.6	31.3	105.8	7.5	70.4
Australian Capital Territory	103.5	131.2	4.9	2.7	7.5	138.7	57.6	196.3	5.4	70.6
Australia	5,656.3	7,073.2	495.4	106.5	601.9	7,675.1	4,828.1	12,503.2	7.8	61.4

TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATE CAPITAL CITIES(a), AUGUST 1987

Capital city	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
	- '000 -										- per cent -
MALES										
Sydney	855.1	918.4	62.7	5.2	68.0	986.3	343.0	1,329.3	6.9	74.2
Melbourne	773.6	828.7	34.9	6.0	40.8	869.6	276.1	1,145.6	4.7	75.9
Brisbane	286.8	310.8	24.7	3.8	28.5	339.4	107.0	446.4	8.4	76.0
Adelaide	234.4	253.3	21.8	2.2	24.0	277.3	107.8	385.1	8.7	72.0
Perth	255.4	279.7	20.0	3.3	23.3	303.1	91.2	394.2	7.7	76.9
Hobart	41.3	44.8	3.2	*	3.7	48.5	19.8	68.3	7.6	71.0
Total	2,446.6	2,635.7	167.3	21.1	188.4	2,824.1	944.9	3,769.0	6.7	74.9
FEMALES										
Sydney	418.3	636.2	36.5	16.9	53.4	689.6	712.2	1,401.8	7.7	49.2
Melbourne	365.4	574.2	24.1	14.5	38.6	612.7	588.4	1,201.1	6.3	51.0
Brisbane	128.6	209.4	15.0	5.5	20.5	229.9	246.3	476.2	8.9	48.3
Adelaide	99.5	177.4	13.6	5.3	18.9	196.3	216.9	413.3	9.6	47.5
Perth	116.2	194.2	10.5	5.0	15.5	209.7	208.7	418.4	7.4	50.1
Hobart	19.9	31.7	1.9	*	2.5	34.2	38.7	72.9	7.3	47.0
Total	1,147.8	1,823.1	101.7	47.7	149.4	1,972.5	2,011.1	3,983.5	7.6	49.5
PERSONS										
Sydney	1,273.4	1,554.6	99.2	22.1	121.4	1,675.9	1,055.2	2,731.1	7.2	61.4
Melbourne	1,139.0	1,402.9	59.0	20.4	79.4	1,482.3	864.4	2,346.7	5.4	63.2
Brisbane	415.4	520.2	39.7	9.3	49.0	569.3	353.3	922.5	8.6	61.7
Adelaide	334.0	430.7	35.5	7.5	42.9	473.6	324.7	798.3	9.1	59.3
Perth	371.6	473.9	30.5	8.3	38.8	512.7	299.9	812.6	7.6	63.1
Hobart	61.1	76.5	5.1	1.1	6.2	82.7	58.5	141.2	7.5	58.6
Total	3,594.5	4,458.8	268.9	68.8	337.7	4,796.5	2,955.9	7,752.5	7.0	61.9

(a) Consists of capital city statistical divisions. See Explanatory Notes.

TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
AUSTRALIAN CAPITAL TERRITORY, AUGUST 1987

	Persons						
	Males	Females		Aged 15-19	Aged 20-24	Aged 25 and over	Total
		Married	Total				
- '000 -							
Employed	72.1	35.9	59.1	11.3	16.6	103.3	131.2
Full-time workers	65.7	22.6	37.8	5.4	13.0	85.1	103.5
Part-time workers	6.4	13.4	21.4	5.9	3.6	18.2	27.7
Unemployed	3.9	*	3.6	3.2	*	3.4	7.5
Looking for full-time work	2.9	*	2.0	*	*	3.0	4.9
Looking for part-time work	*	*	1.6	2.2	*	*	2.7
Labour force	76.0	37.1	62.7	14.5	17.5	106.7	138.7
Not in labour force	18.8	23.2	38.8	9.8	5.0	42.8	57.6
Aged 15-19 attending school(a)	4.9	*	3.5	8.4	..	..	8.4
Civilian population	94.8	60.3	101.6	24.4	22.5	149.5	196.3
- per cent -							
Unemployment rate	5.2	*	5.7	22.0	*	3.2	5.4
Looking for full-time work	4.2	*	5.0	*	*	3.4	4.5
Participation rate	80.2	61.5	61.8	59.7	77.8	71.4	70.6
Employment/population ratio	76.0	59.5	58.2	46.6	73.7	69.1	66.8
- number -							
Average (mean) weekly hours worked by employed persons	38.3	29.3	29.0	22.9	31.4	35.8	34.1
Average (mean) duration of unemployment (weeks)	20.2	*	27.6	28.5	*	20.2	23.7

(a) Excludes persons in institutions such as hospitals, gaols, sanatoriums, etc. See Explanatory Notes.

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
NEW SOUTH WALES															
1986 -															
July	1,448.1	131.8	1,579.9	8.3	75.6	930.8	98.3	1,029.1	9.5	47.6	2,378.9	230.1	2,609.0	8.8	61.3
August	1,445.4	126.1	1,571.5	8.0	75.0	924.2	97.1	1,021.3	9.5	47.1	2,369.6	223.3	2,592.9	8.6	60.8
September	1,443.5	132.6	1,576.2	8.4	75.1	913.8	95.9	1,009.7	9.5	46.5	2,357.3	228.6	2,585.9	8.8	60.6
October	1,445.4	134.8	1,580.2	8.5	75.1	929.6	92.7	1,022.3	9.1	47.0	2,375.0	227.5	2,602.5	8.7	60.8
November	1,442.9	141.5	1,584.4	8.9	75.2	924.8	89.5	1,014.3	8.8	46.5	2,367.7	231.0	2,598.7	8.9	60.6
December	1,450.9	142.6	1,593.6	9.0	75.5	937.5	83.7	1,021.2	8.2	46.8	2,388.5	226.3	2,614.8	8.7	60.9
1987 -															
January	1,442.8	141.4	1,584.2	8.9	74.9	936.2	93.0	1,029.2	9.0	47.0	2,379.0	234.4	2,613.4	9.0	60.7
February	1,446.0	142.4	1,588.4	9.0	75.0	931.0	85.8	1,016.9	8.4	46.4	2,377.0	228.3	2,605.3	8.8	60.4
March	1,450.0	137.0	1,587.0	8.6	74.8	944.1	95.8	1,039.8	9.2	47.4	2,394.0	232.8	2,626.8	8.9	60.8
April	1,458.4	135.4	1,593.8	8.5	74.9	946.6	100.2	1,046.8	9.6	47.6	2,405.0	235.6	2,640.6	8.9	61.0
May	1,445.8	136.1	1,581.9	8.6	74.2	950.0	99.4	1,049.5	9.5	47.7	2,395.9	235.5	2,631.4	8.9	60.7
June	1,457.4	137.4	1,594.8	8.6	74.7	961.6	95.1	1,056.6	9.0	47.9	2,419.0	232.5	2,651.5	8.8	61.1
July	1,465.2	145.8	1,611.0	9.1	75.3	968.9	102.5	1,071.3	9.6	48.5	2,434.1	248.3	2,682.4	9.3	61.7
August	1,457.4	128.6	1,586.0	8.1	74.1	958.7	101.2	1,059.9	9.5	47.9	2,416.1	229.8	2,645.9	8.7	60.8
VICTORIA															
1986 -															
July	1,111.0	70.8	1,181.8	6.0	74.9	738.8	62.7	801.4	7.8	48.8	1,849.8	133.4	1,983.3	6.7	61.6
August	1,116.6	78.5	1,195.1	6.6	75.6	733.5	64.7	798.2	8.1	48.6	1,850.1	143.2	1,993.3	7.2	61.8
September	1,121.6	77.3	1,198.9	6.5	75.8	745.4	63.6	809.0	7.9	49.2	1,867.0	140.9	2,007.9	7.0	62.2
October	1,129.8	75.3	1,205.1	6.2	76.0	749.6	63.6	813.2	7.8	49.3	1,879.4	138.8	2,018.3	6.9	62.4
November	1,118.7	76.8	1,195.5	6.4	75.3	748.1	64.0	812.1	7.9	49.2	1,866.8	140.8	2,007.6	7.0	62.0
December	1,131.2	77.0	1,208.2	6.4	76.0	753.3	66.8	820.1	8.1	49.6	1,884.5	143.8	2,028.3	7.1	62.5
1987 -															
January	1,135.5	71.9	1,207.4	6.0	75.8	763.3	63.7	827.0	7.7	49.9	1,898.8	135.6	2,034.4	6.7	62.6
February	1,137.5	69.5	1,207.0	5.8	75.7	760.4	64.1	824.5	7.8	49.7	1,897.9	133.6	2,031.5	6.6	62.4
March	1,151.8	70.1	1,221.8	5.7	76.5	766.6	67.8	834.4	8.1	50.3	1,918.4	137.9	2,056.3	6.7	63.1
April	1,149.0	70.9	1,219.9	5.8	76.2	776.4	63.8	840.1	7.6	50.5	1,925.3	134.7	2,060.0	6.5	63.1
May	1,150.1	73.8	1,223.8	6.0	76.3	781.3	56.0	837.3	6.7	50.3	1,931.4	129.8	2,061.2	6.3	63.1
June	1,161.7	71.1	1,232.7	5.8	76.7	772.6	51.5	824.0	6.2	49.4	1,934.2	122.6	2,056.8	6.0	62.8
July	1,159.8	65.7	1,225.5	5.4	76.2	775.6	57.5	833.1	6.9	49.9	1,935.4	123.2	2,058.6	6.0	62.8
August	1,163.3	68.2	1,231.6	5.5	76.5	785.8	63.9	849.6	7.5	50.8	1,949.1	132.1	2,081.2	6.3	63.4
QUEENSLAND															
1986 -															
July	665.4	68.5	733.9	9.3	76.3	420.1	51.0	471.2	10.8	48.0	1,085.5	119.5	1,205.1	9.9	62.0
August	673.5	66.6	740.1	9.0	76.8	422.0	51.8	473.7	10.9	48.1	1,095.5	118.3	1,213.8	9.8	62.3
September	669.3	69.1	738.3	9.4	76.4	425.5	51.0	476.6	10.7	48.3	1,094.8	120.1	1,214.9	9.9	62.2
October	667.9	70.6	738.6	9.6	76.3	432.5	52.9	485.4	10.9	49.1	1,100.4	123.6	1,224.0	10.1	62.5
November	670.1	69.2	739.3	9.4	76.2	438.4	49.5	487.9	10.1	49.2	1,108.4	118.7	1,227.1	9.7	62.5
December	677.9	73.3	751.2	9.8	77.2	435.8	54.1	489.9	11.0	49.3	1,113.7	127.4	1,241.1	10.3	63.1
1987 -															
January	676.9	66.2	743.1	8.9	76.2	436.7	48.6	485.3	10.0	48.7	1,113.6	114.8	1,228.4	9.3	62.3
February	678.9	68.5	747.4	9.2	76.5	438.7	51.8	490.5	10.6	49.1	1,117.6	120.3	1,238.0	9.7	62.6
March	676.1	74.6	750.8	9.9	76.6	435.4	52.2	487.5	10.7	48.7	1,111.5	126.8	1,238.3	10.2	62.5
April	675.5	72.4	747.8	9.7	76.1	438.4	49.3	487.7	10.1	48.6	1,113.8	121.7	1,235.5	9.8	62.2
May	677.5	73.9	751.3	9.8	76.3	429.6	49.9	479.5	10.4	47.7	1,107.1	123.8	1,230.8	10.1	61.8
June	674.2	71.6	745.8	9.6	75.6	430.3	50.4	480.6	10.5	47.7	1,104.5	122.0	1,226.5	9.9	61.5
July	677.5	69.5	747.0	9.3	75.6	434.7	48.7	483.3	10.1	47.8	1,112.2	118.2	1,230.4	9.6	61.6
August	681.7	68.5	750.1	9.1	75.8	433.4	50.5	484.0	10.4	47.8	1,115.1	119.0	1,234.1	9.6	61.6

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES -- continued

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
SOUTH AUSTRALIA															
1986 -															
July	357.0	33.8	390.8	8.7	74.6	242.0	23.4	265.4	8.8	48.5	599.0	57.2	656.2	8.7	61.3
August	358.2	33.8	392.1	8.6	74.7	240.7	23.7	264.5	9.0	48.2	599.0	57.5	656.5	8.8	61.2
September	358.4	36.4	394.7	9.2	75.1	241.4	24.5	265.9	9.2	48.4	599.7	60.9	660.6	9.2	61.5
October	358.3	37.1	395.4	9.4	75.1	239.3	25.9	265.2	9.8	48.3	597.6	63.0	660.6	9.5	61.4
November	358.5	34.8	393.3	8.8	74.6	241.6	23.8	265.4	9.0	48.2	600.2	58.6	658.7	8.9	61.2
December	358.4	35.4	393.8	9.0	74.6	244.3	22.3	266.6	8.4	48.4	602.7	57.7	660.4	8.7	61.2
1987 -															
January	358.5	32.6	391.0	8.3	74.0	240.8	22.5	263.3	8.5	47.7	599.3	55.1	654.3	8.4	60.6
February	352.0	37.0	389.0	9.5	73.5	244.4	24.2	268.6	9.0	48.6	596.4	61.1	657.6	9.3	60.8
March	354.8	36.7	391.4	9.4	73.9	242.4	24.2	266.6	9.1	48.2	597.1	60.9	658.0	9.3	60.8
April	358.4	33.6	392.0	8.6	73.9	243.5	27.4	270.9	10.1	48.9	601.9	61.0	662.9	9.2	61.2
May	357.5	34.3	391.8	8.8	73.8	243.2	25.7	268.9	9.6	48.5	600.7	60.0	660.7	9.1	60.9
June	357.4	34.0	391.3	8.7	73.6	245.8	24.5	270.3	9.1	48.7	603.2	58.5	661.7	8.8	60.9
July	361.6	35.7	397.3	9.0	74.7	242.8	25.9	268.7	9.6	48.4	604.4	61.7	666.0	9.3	61.3
August	360.7	35.0	395.8	8.9	74.4	241.5	27.9	269.5	10.4	48.5	602.3	63.0	665.3	9.5	61.1
WESTERN AUSTRALIA															
1986 -															
July	396.1	31.6	427.7	7.4	78.7	259.8	23.7	283.5	8.4	52.2	655.8	55.3	711.2	7.8	65.5
August	395.3	32.1	427.4	7.5	78.5	257.4	24.0	281.4	8.5	51.7	652.6	56.1	708.8	7.9	65.1
September	393.9	32.8	426.7	7.7	78.1	261.1	24.6	285.7	8.6	52.3	655.0	57.4	712.4	8.1	65.2
October	393.2	32.4	425.6	7.6	77.7	260.5	22.6	283.1	8.0	51.7	653.8	55.0	708.8	7.8	64.7
November	388.5	32.7	421.3	7.8	76.7	262.0	22.7	284.7	8.0	51.8	650.5	55.5	706.0	7.9	64.2
December	391.0	33.8	424.8	7.9	77.1	255.8	23.1	278.9	8.3	50.6	646.8	56.9	703.7	8.1	63.8
1987 -															
January	386.1	33.3	419.4	7.9	75.9	260.2	22.8	282.9	8.0	51.2	646.3	56.0	702.3	8.0	63.5
February	390.3	28.9	419.3	6.9	75.7	266.0	24.2	290.3	8.3	52.4	656.4	53.2	709.5	7.5	64.0
March	393.9	30.3	424.1	7.1	76.4	259.8	26.9	286.7	9.4	51.6	653.6	57.2	710.8	8.0	64.0
April	394.2	32.6	426.8	7.6	76.6	258.9	25.6	284.6	9.0	51.1	653.1	58.3	711.3	8.2	63.8
May	395.0	32.5	427.5	7.6	76.5	257.4	23.8	281.3	8.5	50.3	652.4	56.4	708.7	8.0	63.4
June	405.2	32.5	437.7	7.4	78.1	261.6	23.3	284.9	8.2	50.8	666.8	55.7	722.5	7.7	64.5
July	413.0	33.2	446.2	7.4	79.4	260.6	24.6	285.1	8.6	50.7	673.5	57.8	731.3	7.9	65.1
August	411.3	33.0	444.4	7.4	78.9	259.6	22.9	282.5	8.1	50.1	670.9	56.0	726.9	7.7	64.5
TASMANIA															
1986 -															
July	115.2	9.8	125.0	7.9	74.9	71.0	6.8	77.8	8.8	45.1	186.2	16.6	202.8	8.2	59.7
August	115.4	9.5	124.9	7.6	74.7	71.8	7.1	79.0	9.0	45.7	187.2	16.7	203.9	8.2	60.0
September	115.6	9.9	125.5	7.9	74.9	71.4	6.9	78.3	8.8	45.2	187.0	16.8	203.8	8.2	59.9
October	115.1	10.7	125.9	8.5	75.1	71.1	8.1	79.2	10.2	45.7	186.2	18.8	205.1	9.2	60.1
November	113.7	11.1	124.9	8.9	74.3	71.3	8.2	79.5	10.3	45.8	185.1	19.3	204.4	9.5	59.8
December	115.0	11.9	126.9	9.4	75.4	73.0	8.7	81.7	10.6	46.9	188.0	20.6	208.6	9.9	61.0
1987 -															
January	113.2	11.9	125.1	9.5	74.2	72.9	7.5	80.4	9.4	46.2	186.1	19.4	205.6	9.5	60.0
February	115.5	11.3	126.8	8.9	75.1	71.3	8.1	79.4	10.2	45.5	186.8	19.4	206.2	9.4	60.1
March	114.3	12.5	126.8	9.9	75.0	71.2	7.6	78.8	9.6	45.1	185.5	20.1	205.6	9.8	59.8
April	115.0	11.0	126.0	8.7	74.5	71.7	7.7	79.4	9.7	45.4	186.7	18.6	205.4	9.1	59.7
May	113.0	12.6	125.6	10.0	74.2	69.5	7.7	77.2	10.0	44.1	182.5	20.3	202.8	10.0	58.9
June	114.2	11.8	126.0	9.4	74.4	71.2	9.3	80.5	11.6	45.9	185.3	21.2	206.5	10.2	59.9
July	114.0	10.8	124.7	8.6	73.5	71.3	9.2	80.5	11.5	45.9	185.2	20.0	205.2	9.7	59.5
August	114.2	10.8	125.0	8.6	73.7	72.5	7.8	80.3	9.7	45.7	186.7	18.6	205.3	9.0	59.5

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
NEW SOUTH WALES															
1986 -															
July	1,448.8	128.2	1,577.0	8.1	75.4	925.7	94.4	1,020.1	9.3	47.1	2,374.5	222.6	2,597.1	8.6	61.0
August	1,447.6	130.0	1,577.6	8.2	75.3	924.4	95.0	1,019.4	9.3	47.0	2,372.0	225.1	2,597.1	8.7	60.9
September	1,446.0	132.9	1,578.9	8.4	75.2	924.2	94.2	1,018.5	9.3	46.9	2,370.3	227.1	2,597.4	8.7	60.8
October	1,444.8	136.1	1,580.9	8.6	75.2	925.4	92.3	1,017.8	9.1	46.8	2,370.2	228.5	2,598.7	8.8	60.7
November	1,444.6	139.1	1,583.7	8.8	75.2	927.8	90.2	1,018.0	8.9	46.7	2,372.5	229.3	2,601.7	8.8	60.7
December	1,445.3	140.8	1,586.2	8.9	75.1	930.8	89.0	1,019.8	8.7	46.7	2,376.1	229.8	2,606.0	8.8	60.7
1987 -															
January	1,446.5	141.1	1,587.5	8.9	75.0	934.2	89.4	1,023.6	8.7	46.8	2,380.7	230.4	2,611.1	8.8	60.7
February r	1,447.8	140.3	1,588.1	8.8	74.9	938.0	91.2	1,029.2	8.9	47.0	2,385.9	231.5	2,617.4	8.8	60.7
March r	1,449.7	139.1	1,588.8	8.8	74.8	942.4	93.7	1,036.1	9.0	47.2	2,392.0	232.8	2,624.8	8.9	60.8
April r	1,451.9	138.1	1,590.0	8.7	74.7	947.4	96.2	1,043.6	9.2	47.5	2,399.3	234.3	2,633.6	8.9	60.9
May r	1,454.3	137.5	1,591.9	8.6	74.7	952.8	98.1	1,050.9	9.3	47.7	2,407.1	235.7	2,642.7	8.9	61.0
June r	1,456.7	137.1	1,593.8	8.6	74.6	957.7	99.5	1,057.3	9.4	47.9	2,414.4	236.7	2,651.1	8.9	61.1
July r	1,458.8	136.6	1,595.4	8.6	74.6	961.9	100.6	1,062.5	9.5	48.1	2,420.7	237.2	2,657.9	8.9	61.1
August	1,460.3	136.0	1,596.3	8.5	74.5	965.2	101.6	1,066.8	9.5	48.2	2,425.5	237.7	2,663.2	8.9	61.2
VICTORIA															
1986 -															
July	1,118.8	70.5	1,189.3	5.9	75.4	739.4	62.0	801.4	7.7	48.8	1,858.3	132.5	1,990.8	6.7	61.9
August	1,119.5	73.2	1,192.8	6.1	75.5	739.9	62.9	802.7	7.8	48.9	1,859.4	136.1	1,995.5	6.8	61.9
September	1,120.7	75.6	1,196.3	6.3	75.6	742.2	63.7	805.9	7.9	49.0	1,862.9	139.3	2,002.2	7.0	62.0
October	1,122.8	76.9	1,199.6	6.4	75.7	746.0	64.3	810.2	7.9	49.2	1,868.7	141.1	2,009.8	7.0	62.2
November	1,126.0	76.5	1,202.5	6.4	75.7	750.2	64.8	815.0	8.0	49.4	1,876.2	141.3	2,017.5	7.0	62.3
December	1,130.4	74.8	1,205.1	6.2	75.8	754.7	65.4	820.1	8.0	49.6	1,885.1	140.2	2,025.3	6.9	62.4
1987 -															
January	1,135.2	73.1	1,208.3	6.0	75.9	759.5	65.6	825.1	7.9	49.8	1,894.8	138.6	2,033.4	6.8	62.6
February r	1,140.2	71.9	1,212.1	5.9	76.0	764.2	64.8	829.1	7.8	50.0	1,904.4	136.8	2,041.2	6.7	62.7
March r	1,145.3	71.3	1,216.6	5.9	76.2	768.5	63.2	831.7	7.6	50.1	1,913.9	134.5	2,048.3	6.6	62.9
April r	1,150.1	70.8	1,220.9	5.8	76.3	772.3	61.1	833.4	7.3	50.1	1,922.3	131.9	2,054.3	6.4	62.9
May r	1,154.0	70.4	1,224.4	5.8	76.4	775.2	59.2	834.5	7.1	50.1	1,929.3	129.7	2,058.9	6.3	63.0
June r	1,157.5	69.9	1,227.4	5.7	76.4	777.7	58.0	835.7	6.9	50.1	1,935.3	127.9	2,063.1	6.2	63.0
July r	1,160.6	69.2	1,229.8	5.6	76.5	779.8	57.5	837.3	6.9	50.1	1,940.4	126.7	2,067.1	6.1	63.0
August	1,163.0	68.5	1,231.5	5.6	76.5	781.8	57.4	839.1	6.8	50.2	1,944.7	125.9	2,070.6	6.1	63.1
QUEENSLAND															
1986 -															
July	669.1	67.6	736.7	9.2	76.6	420.9	50.0	470.9	10.6	47.9	1,090.0	117.6	1,207.6	9.7	62.1
August	668.9	68.6	737.5	9.3	76.5	424.1	50.9	475.0	10.7	48.2	1,093.0	119.6	1,212.6	9.9	62.2
September	669.5	69.2	738.7	9.4	76.5	427.7	51.5	479.2	10.8	48.6	1,097.2	120.7	1,217.9	9.9	62.4
October	670.9	69.5	740.4	9.4	76.5	431.3	51.7	483.0	10.7	48.8	1,102.2	121.2	1,223.4	9.9	62.5
November	672.7	69.6	742.4	9.4	76.5	434.5	51.7	486.2	10.6	49.0	1,107.2	121.3	1,228.6	9.9	62.6
December	674.5	69.9	744.4	9.4	76.5	436.8	51.5	488.3	10.5	49.1	1,111.4	121.4	1,232.8	9.8	62.7
1987 -															
January	676.1	70.3	746.5	9.4	76.5	437.8	51.3	489.0	10.5	49.1	1,113.9	121.6	1,235.5	9.8	62.6
February r	676.9	71.0	747.9	9.5	76.5	437.4	51.0	488.4	10.4	48.9	1,114.3	122.0	1,236.3	9.9	62.5
March r	677.0	71.7	748.7	9.6	76.4	436.1	50.7	486.8	10.4	48.6	1,113.1	122.4	1,235.5	9.9	62.3
April r	676.7	72.1	748.8	9.6	76.2	434.7	50.4	485.1	10.4	48.3	1,111.4	122.5	1,233.9	9.9	62.1
May r	676.5	72.1	748.6	9.6	76.1	433.7	50.1	483.8	10.4	48.1	1,110.2	122.2	1,232.4	9.9	61.9
June r	676.9	71.6	748.5	9.6	75.9	432.9	49.9	482.8	10.3	47.9	1,109.8	121.5	1,231.3	9.9	61.7
July r	677.6	70.9	748.6	9.5	75.8	432.4	49.8	482.2	10.3	47.7	1,110.0	120.7	1,230.7	9.8	61.6
August	678.4	69.9	748.3	9.3	75.6	432.1	49.5	481.6	10.3	47.6	1,110.5	119.5	1,230.0	9.7	61.4

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES -- continued

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
SOUTH AUSTRALIA															
1986 -															
July	358.2	33.8	392.0	8.6	74.8	241.3	23.0	264.3	8.7	48.3	599.5	56.8	656.3	8.7	61.3
August	358.3	34.6	392.9	8.8	74.9	241.3	23.6	265.0	8.9	48.3	599.6	58.3	657.9	8.9	61.3
September	358.4	35.2	393.6	8.9	74.9	241.2	24.1	265.3	9.1	48.3	599.7	59.3	658.9	9.0	61.3
October	358.4	35.5	393.9	9.0	74.9	241.3	24.1	265.3	9.1	48.3	599.6	59.6	659.2	9.0	61.3
November	358.0	35.6	393.5	9.0	74.7	241.6	23.8	265.5	9.0	48.2	599.6	59.4	659.0	9.0	61.2
December	357.3	35.5	392.8	9.0	74.4	242.1	23.6	265.7	8.9	48.2	599.4	59.1	658.4	9.0	61.0
1987 -															
January	356.5	35.2	391.8	9.0	74.2	242.6	23.6	266.2	8.9	48.2	599.1	58.9	658.0	8.9	60.9
February r	355.9	35.1	391.0	9.0	73.9	243.0	24.0	267.0	9.0	48.3	599.0	59.0	658.0	9.0	60.8
March r	355.9	34.9	390.8	8.9	73.8	243.4	24.6	267.9	9.2	48.5	599.3	59.5	658.8	9.0	60.8
April r	356.5	34.9	391.4	8.9	73.8	243.6	25.2	268.8	9.4	48.5	600.1	60.1	660.1	9.1	60.9
May r	357.6	34.8	392.3	8.9	73.9	243.6	25.7	269.3	9.5	48.6	601.2	60.5	661.7	9.1	61.0
June r	358.7	34.7	393.4	8.8	74.0	243.5	26.1	269.6	9.7	48.6	602.3	60.8	663.1	9.2	61.0
July r	359.8	34.8	394.6	8.8	74.2	243.4	26.4	269.8	9.8	48.6	603.2	61.2	664.3	9.2	61.1
August	360.9	34.6	395.6	8.8	74.3	242.9	26.7	269.6	9.9	48.5	603.9	61.3	665.2	9.2	61.1
WESTERN AUSTRALIA															
1986 -															
July	394.3	31.7	426.0	7.5	78.4	257.8	24.0	281.8	8.5	51.9	652.1	55.7	707.8	7.9	65.2
August	394.3	32.0	426.3	7.5	78.3	259.0	23.8	282.8	8.4	51.9	653.3	55.8	709.1	7.9	65.1
September	393.5	32.5	426.0	7.6	78.0	259.7	23.5	283.2	8.3	51.9	653.2	56.0	709.2	7.9	64.9
October	392.1	32.8	424.9	7.7	77.5	260.1	23.2	283.3	8.2	51.7	652.2	56.0	708.2	7.9	64.6
November	390.6	32.8	423.4	7.7	77.0	260.4	23.1	283.5	8.1	51.6	651.0	55.9	706.9	7.9	64.3
December	389.5	32.4	421.9	7.7	76.5	260.6	23.3	284.0	8.2	51.5	650.1	55.8	705.8	7.9	64.0
1987 -															
January	389.1	31.9	421.0	7.6	76.2	260.7	23.8	284.5	8.4	51.5	649.7	55.7	705.5	7.9	63.8
February r	389.8	31.5	421.3	7.5	76.1	260.6	24.4	285.1	8.6	51.4	650.4	55.9	706.4	7.9	63.7
March r	392.0	31.4	423.4	7.4	76.2	260.5	24.8	285.3	8.7	51.3	652.5	56.2	708.7	7.9	63.8
April r	395.5	31.6	427.1	7.4	76.7	260.3	24.9	285.1	8.7	51.2	655.7	56.5	712.2	7.9	63.9
May r	399.6	32.1	431.6	7.4	77.2	260.0	24.6	284.6	8.7	50.9	659.6	56.7	716.3	7.9	64.1
June r	403.8	32.6	436.4	7.5	77.9	259.8	24.2	284.0	8.5	50.7	663.6	56.8	720.4	7.9	64.3
July r	407.9	33.0	440.8	7.5	78.5	259.7	23.8	283.5	8.4	50.4	667.6	56.8	724.4	7.8	64.4
August	411.2	33.4	444.6	7.5	78.9	259.6	23.4	282.9	8.3	50.2	670.8	56.8	727.6	7.8	64.6
TASMANIA															
1986 -															
July	114.9	9.9	124.8	7.9	74.7	70.8	6.9	77.7	8.9	45.0	185.7	16.8	202.5	8.3	59.6
August	115.1	9.9	125.0	7.9	74.8	71.2	7.1	78.3	9.1	45.3	186.3	17.0	203.3	8.4	59.8
September	115.1	10.2	125.3	8.1	74.8	71.5	7.4	78.9	9.4	45.6	186.6	17.5	204.2	8.6	60.0
October	114.9	10.6	125.5	8.5	74.8	71.8	7.7	79.5	9.7	45.9	186.7	18.3	205.0	8.9	60.1
November	114.7	11.1	125.8	8.8	74.9	72.0	8.0	80.0	10.0	46.1	186.7	19.1	205.8	9.3	60.2
December	114.5	11.5	126.0	9.1	74.9	72.1	8.1	80.2	10.1	46.1	186.6	19.5	206.2	9.5	60.2
1987 -															
January	114.4	11.8	126.2	9.3	74.9	72.1	8.0	80.0	10.0	46.0	186.5	19.7	206.2	9.6	60.2
February r	114.4	11.9	126.3	9.4	74.8	71.8	7.9	79.7	9.9	45.7	186.2	19.8	206.0	9.6	60.0
March r	114.3	11.9	126.3	9.4	74.7	71.4	7.9	79.3	9.9	45.4	185.8	19.8	205.6	9.6	59.8
April r	114.3	11.8	126.1	9.4	74.6	71.1	8.0	79.1	10.1	45.2	185.3	19.9	205.2	9.7	59.6
May r	114.1	11.7	125.8	9.3	74.3	71.0	8.2	79.2	10.4	45.2	185.1	19.9	205.0	9.7	59.5
June r	114.0	11.5	125.6	9.2	74.1	71.0	8.4	79.5	10.6	45.3	185.1	19.9	205.0	9.7	59.5
July r	114.0	11.3	125.3	9.0	73.9	71.2	8.6	79.8	10.7	45.5	185.2	19.9	205.1	9.7	59.5
August	113.9	11.1	125.0	8.9	73.6	71.6	8.6	80.2	10.8	45.7	185.4	19.7	205.2	9.6	59.4

TABLE 10. CIVILIAN LABOUR FORCE, BY AGE, AUGUST 1987

Age group	Number ('000)					Participation rate (per cent)				
	Males					Females				
	Males	Married	Not married	Total	Persons	Males	Married	Not married	Total	Persons
15-64	4,547.4	1,806.3	1,233.0	3,039.3	7,586.7	83.8	53.9	62.0	56.9	70.4
15-19	404.2	10.0	354.0	364.0	768.2	57.5	51.2	53.7	53.7	55.6
20-24	592.1	149.8	341.6	491.4	1,083.6	89.5	64.2	81.9	75.5	82.6
25-34	1,249.4	550.1	268.4	818.5	2,067.9	94.6	56.9	75.4	61.9	78.2
35-44	1,124.1	623.5	143.1	766.7	1,890.8	94.4	65.1	68.9	65.8	80.3
45-54	739.7	357.3	81.0	438.3	1,178.0	89.6	55.5	54.7	55.3	72.8
55-59	281.2	84.1	28.5	112.6	393.8	74.5	29.8	32.7	30.5	52.8
60-64	156.5	31.5	16.3	47.8	204.3	44.7	12.6	14.3	13.2	28.7
65 and over	61.9	14.0	12.4	26.4	88.4	8.5	3.6	2.0	2.6	5.1
Total	4,609.3	1,820.3	1,245.5	3,065.8	7,675.1	74.9	48.6	47.9	48.3	61.4

TABLE 11. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION(a), AUGUST 1987

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15-19	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
					- '000 -					
- per cent -										
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	226.2	246.5	48.4	*	49.0	295.5	15.5	311.0	16.6	95.0
Females	165.0	195.7	45.2	*	47.6	243.2	33.6	276.8	19.6	87.9
Persons	391.1	442.2	93.7	*	96.5	538.7	49.1	587.8	17.9	91.6
Left school -										
Before 1985	117.6	130.1	31.3	*	32.6	162.7	20.4	183.2	20.1	88.8
1985	135.6	152.9	25.7	*	26.6	179.4	13.2	192.6	14.8	93.2
1986 to survey date	137.9	159.2	36.6	*	37.3	196.5	15.5	212.0	19.0	92.7
Age -										
15	8.0	11.0	4.4	*	4.4	15.4	*	18.3	28.7	84.2
16	41.6	47.2	10.4	*	10.5	57.6	5.1	62.7	18.2	91.9
17	75.4	86.4	22.1	*	22.7	109.1	9.4	118.5	20.8	92.1
18	125.6	140.9	30.9	*	32.2	173.1	12.9	185.9	18.6	93.1
19	140.5	156.7	25.9	*	26.8	183.5	18.8	202.3	14.6	90.7
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	*	18.0	*	*	5.4	23.4	35.8	59.2	23.2	39.6
Females	*	22.5	*	4.6	6.4	28.9	42.3	71.3	22.2	40.6
Persons	*	40.5	4.2	7.6	11.9	52.4	78.1	130.5	22.6	40.1
Left school -										
Before 1985	*	*	*	*	*	4.2	5.3	9.5	*	44.6
1985	*	16.1	)	(	*	3.7	19.8	43.3	18.9	45.8
1986 to survey date	*	21.2	)	3.8	(	4.3	28.3	49.4	25.2	36.4
Age -										
15 and 16	*	*	*	)	(	*	7.8	10.5	*	*
17	*	5.8	)	(	4.0	7.9	9.3	17.2	*	45.8
18	*	16.1	)	3.7	(	3.9	20.0	49.8	19.6	40.2
19	*	17.2	)	(	3.6	4.6	21.8	53.0	21.0	41.2
ATTENDING SCHOOL										
Males	*	66.8	5.3	13.3	18.6	85.4	245.7	331.1	21.8	25.8
Females	*	75.2	3.4	13.1	16.6	91.8	237.9	329.7	18.0	27.8
Persons	*	142.0	8.7	26.5	35.2	177.2	483.6	660.8	19.9	26.8
Age -										
15	*	43.7	*	14.0	15.8	59.5	204.5	264.1	26.6	22.5
16	*	53.1	4.4	8.8	13.3	66.4	152.0	218.4	20.0	30.4
17	*	35.1	*	)	(	4.9	40.0	98.8	12.2	28.8
18 and 19	*	10.0	*	)	3.7	*	11.2	28.3	*	28.4
TOTAL										
Males	229.1	331.3	56.1	16.9	73.0	404.2	297.0	701.2	18.1	57.6
Females	165.7	293.4	50.5	20.1	70.6	364.0	313.9	677.8	19.4	53.7
Persons	394.9	624.7	106.6	37.0	143.6	768.2	610.8	1,379.1	18.7	55.7
Age -										
15	8.3	55.0	6.3	14.3	20.7	75.6	208.2	283.9	27.3	26.6
16	41.7	101.3	15.4	9.3	24.6	125.9	164.2	290.1	19.6	43.4
17	77.1	127.4	25.7	3.8	29.6	157.0	117.6	274.6	18.8	57.2
18	126.3	166.4	32.3	5.0	37.3	203.7	67.0	270.6	18.3	75.3
19	141.5	174.5	26.9	4.5	31.4	206.0	53.9	259.9	15.3	79.2

(a) Excludes persons in institutions such as hospitals, gaols, sanatoriums, etc. See Explanatory Notes.

TABLE 12. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20-24: FULL-TIME ATTENDANCE AT A TERTIARY EDUCATIONAL INSTITUTION(a), AUGUST 1987

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 20-24	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
- '000 -										
- per cent -										
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	467.9	494.7	67.2	*	68.6	563.3	24.7	587.3	12.2	95.8
Females	348.6	416.0	40.6	7.6	48.3	464.2	124.9	588.8	10.4	78.8
Persons	816.5	910.6	107.8	9.1	116.9	1,027.5	149.6	1,176.1	11.4	87.3
Age -										
20	152.4	166.1	23.3	*	24.3	190.5	22.0	211.3	12.8	89.7
21	149.6	166.6	24.2	3.5	27.8	194.3	24.7	219.1	14.3	88.7
22	160.2	179.8	19.6	)	21.0	200.8	31.9	232.7	10.5	86.3
23	175.7	197.0	20.7	) 4.6	21.0	218.0	32.2	250.2	9.6	87.1
24	178.6	201.1	19.9	)	22.8	223.9	38.8	262.7	10.2	85.2
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	4.1	22.8	*	3.6	6.1	28.8	42.0	70.8	21.0	40.7
Females	*	23.6	*	*	3.6	27.2	34.0	61.2	13.2	44.4
Persons	6.0	46.4	3.7	5.9	9.6	56.0	76.1	132.1	17.2	42.4
Age -										
20	) 3.6	(17.1	*	) 3.5	(3.5	20.5	23.7	44.3	16.8	46.4
21	)	( 12.5	*	)	( )	14.3	20.6	34.9	)	( 40.9
22	*	10.0	*	*	3.7	11.8	14.7	26.5	)	( 44.7
23	*	4.2	*	*	*	6.2	10.8	16.9	*	36.4
24	*	*	*	*	*	*	6.3	9.4	*	*
TOTAL										
Males	472.0	517.4	69.6	5.1	74.7	592.1	66.7	658.2	12.6	89.9
Females	350.5	439.6	41.9	9.9	51.8	491.4	159.0	650.0	10.6	75.6
Persons	822.4	957.0	111.5	15.0	126.5	1,083.6	225.7	1,308.1	11.7	82.8
Age -										
20	153.4	183.2	24.7	*	27.8	211.0	45.7	255.6	13.2	82.2
21	152.2	179.0	24.6	5.0	29.6	208.6	45.4	254.0	14.2	82.1
22	161.5	189.8	20.6	*	22.8	212.6	46.6	259.2	10.7	82.0
23	176.6	201.2	21.3	) 4.8	22.9	224.2	43.0	267.1	10.2	83.9
24	178.7	203.7	20.2	)	23.4	227.1	45.0	272.2	10.3	83.5

(a) Excludes persons in institutions such as hospitals, gaols, sanatoriums, etc. See Explanatory Notes.

TABLE 13. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, AUGUST 1987 (per cent)

Age group	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-64	84.5	58.0	71.2	84.0	54.7	69.9
15-19	59.4	56.0	57.7	54.9	44.9	50.2
20-24	91.2	76.7	84.0	83.9	70.5	77.1
25-34	95.3	62.1	78.7	94.2	61.5	77.6
35-44	95.4	66.2	80.8	93.4	65.1	79.7
45-54	91.6	56.8	74.1	87.0	52.9	71.2
55-59	75.4	30.2	52.1	74.2	31.8	55.1
60-64	43.1	13.1	27.3	49.3	13.9	32.6
65 and over	10.0	3.2	6.1	6.7	2.4	4.5
Total	76.4	50.3	63.1	74.3	47.2	61.1

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 14. CIVILIAN LABOUR FORCE BY BIRTHPLACE, AUGUST 1987

	Employed		Unemployed		Labour force	Unemp- loyment rate	Partici- pation rate (a)
	Full-time workers	Total	Looking for full- time work	Total			
			- '000 -			- per cent -	
MALES							
Born in Australia	2,910.2	3,162.6	226.7	247.8	3,410.4	7.3	76.4
Born outside Australia	1,036.8	1,099.8	90.6	99.1	1,198.9	8.3	74.3
Africa	33.9	36.2	3.8	3.8	40.0	9.4	81.8
America	31.9	34.7	3.6	4.4	39.1	11.1	80.6
Asia	151.1	163.0	27.6	29.6	192.6	15.4	73.1
Lebanon	14.3	15.1	5.8	6.0	21.1	28.6	74.8
Vietnam	22.9	24.6	7.9	8.1	32.7	24.7	77.6
Europe	738.6	778.4	48.3	53.5	831.8	6.4	72.8
Germany	35.1	36.9	*	*	39.3	*	77.8
Greece	44.9	46.8	3.8	3.8	50.6	7.5	70.7
Italy	93.1	98.1	4.5	4.9	103.1	4.8	69.9
Malta	20.6	20.8	*	*	22.1	*	75.7
Netherlands	37.5	38.7	*	*	41.5	*	77.4
Poland	16.1	16.9	*	*	18.5	*	54.8
UK and Ireland	371.1	396.3	22.7	25.7	422.0	6.1	75.2
Yugoslavia	53.6	56.1	5.7	6.3	62.3	10.1	73.9
Oceania	81.4	87.4	7.4	7.9	95.4	8.3	85.9
New Zealand	69.4	73.8	6.2	6.5	80.4	8.1	87.1
MARRIED FEMALES							
Born in Australia	633.3	1,245.6	34.8	62.9	1,308.5	4.8	49.0
Born outside Australia	276.5	471.7	27.7	40.1	511.8	7.8	48.3
Africa	14.2	20.3	*	*	20.8	*	62.3
America	9.2	17.2	*	*	20.0	*	64.2
Asia	56.8	75.3	10.7	12.4	87.7	14.2	48.2
Lebanon	*	*	*	*	3.7	*	18.7
Vietnam	8.6	9.3	*	*	12.3	*	58.0
Europe	175.4	322.0	12.3	21.1	343.1	6.1	45.9
Germany	8.4	18.1	*	*	19.7	*	45.6
Greece	13.8	23.0	*	*	24.9	*	46.0
Italy	18.5	33.3	*	*	35.2	*	34.1
Malta	*	6.2	*	*	6.6	*	33.4
Netherlands	6.0	15.6	*	*	16.0	*	45.3
Poland	3.7	6.8	*	*	8.1	*	38.3
UK and Ireland	86.3	166.4	6.4	10.4	176.7	5.9	50.1
Yugoslavia	20.3	27.1	*	*	28.6	*	51.8
Oceania	20.9	36.9	*	*	40.1	*	60.2
New Zealand	17.1	30.7	*	*	32.9	*	61.5
ALL FEMALES							
Born in Australia	1,292.0	2,153.7	127.8	186.1	2,339.8	8.0	50.3
Born outside Australia	417.3	657.2	50.3	68.8	726.0	9.5	47.2
Africa	18.3	26.0	*	*	27.2	*	59.9
America	15.2	24.8	3.9	5.3	30.0	17.5	57.7
Asia	83.8	110.2	16.2	18.8	129.0	14.6	47.8
Lebanon	3.6	5.1	*	*	6.7	*	24.4
Vietnam	13.3	14.7	3.8	4.5	19.2	23.5	57.4
Europe	257.4	430.5	22.4	34.8	465.2	7.5	44.1
Germany	11.7	23.2	*	*	25.9	*	43.0
Greece	16.1	25.4	*	*	27.3	*	42.9
Italy	24.1	39.9	*	*	42.1	*	33.0
Malta	4.7	8.1	*	*	8.4	*	35.1
Netherlands	9.2	19.8	*	*	20.8	*	45.3
Poland	5.2	8.4	*	*	9.8	*	31.5
UK and Ireland	139.9	237.8	12.8	18.9	256.7	7.4	48.1
Yugoslavia	24.8	32.2	*	*	34.9	*	50.3
Oceania	42.6	65.8	6.7	8.8	74.5	11.8	65.1
New Zealand	35.0	54.2	5.5	6.9	61.1	11.2	66.4
PERSONS							
Born in Australia	4,202.2	5,316.2	354.4	433.9	5,750.2	7.5	63.1
Born outside Australia	1,454.1	1,756.9	141.0	168.0	1,924.9	8.7	61.1
Africa	52.2	62.2	4.9	5.0	67.2	7.4	71.2
America	47.0	59.5	7.5	9.6	69.1	13.9	68.7
Asia	234.8	273.2	43.7	48.4	321.6	15.1	60.3
Lebanon	17.9	20.1	7.4	7.7	27.8	27.6	50.0
Vietnam	36.2	39.3	11.7	12.6	51.9	24.3	68.6
Europe	996.0	1,208.8	70.7	88.2	1,297.1	6.8	59.0
Germany	46.8	60.1	4.2	5.0	65.2	7.7	58.9
Greece	61.1	72.2	4.4	5.7	77.9	7.3	57.6
Italy	117.3	138.1	5.7	7.1	145.2	4.9	52.8
Malta	25.3	28.9	*	*	30.5	*	57.4
Netherlands	46.7	58.5	*	3.8	62.3	6.2	62.6
Poland	21.2	25.3	*	*	28.3	*	43.6
UK and Ireland	511.1	634.0	35.4	44.6	678.7	6.6	62.0
Yugoslavia	78.4	88.3	7.8	9.0	97.3	9.3	63.2
Oceania	124.0	153.2	14.1	16.7	169.9	9.8	75.4
New Zealand	104.5	128.1	11.7	13.4	141.5	9.5	76.8

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 15. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, AUGUST 1987

Period of arrival	Africa	America	Asia	Europe		Oceania		Total				Persons
				Ireland	Other countries	New Zealand	Total	Females				
								Males	Married	Total		
EMPLOYED ('000)												
Before 1971	28.4	15.8	69.7	401.9	457.7	30.9	39.2	651.1	271.4	361.6	1,012.7	
1971 - 1975	11.2	20.3	48.0	99.5	54.2	16.4	22.2	151.7	70.5	103.7	255.4	
1976 - 1980	7.6	8.1	66.4	48.8	21.9	32.7	36.8	113.5	54.2	76.1	189.6	
1981 - 1985	9.7	10.8	71.1	60.6	31.8	27.7	32.3	131.8	59.7	84.4	216.2	
1986 to survey date	5.4	4.6	17.9	23.2	9.2	20.4	22.7	51.7	16.0	31.3	83.0	
UNEMPLOYED ('000)												
Before 1971	*	*	7.4	27.2	28.5	) 4.7	5.9	(44.6	15.6	23.6	68.1
1971 - 1975	*	3.5	6.6	8.3	5.1	)		( 16.6	5.4	11.5	28.1
1976 - 1980	*	)	( 8.6	3.7	*	) 3.9	4.4	(12.2	5.2	9.4	21.6
1981 - 1985	*	) 4.8	(14.8	)	( 5.1	)	( 4.5	(16.0	8.4	14.1	30.1
1986 to survey date	*	)	( 11.0	) 5.4	( *	) 4.8	(*	(9.8	5.5	10.2	20.0
LABOUR FORCE ('000)												
Before 1971	29.2	17.1	77.2	429.2	486.2	33.0	41.9	695.7	287.0	385.2	1,080.8	
1971 - 1975	12.6	23.8	54.6	107.8	59.3	18.9	25.4	168.2	75.9	115.2	283.5	
1976 - 1980	8.4	9.5	75.0	52.5	24.6	36.6	41.2	125.7	59.4	85.5	211.3	
1981 - 1985	10.5	12.8	85.9	63.4	36.9	30.8	36.8	147.8	68.1	98.6	246.3	
1986 to survey date	6.5	5.9	28.9	25.7	11.3	22.1	24.6	61.5	21.4	41.5	103.0	
UNEMPLOYMENT RATE (per cent)												
Before 1971	*	*	9.6	6.3	5.9	) 9.0	8.8	(6.4	5.4	6.1	6.3
1971 - 1975	*	14.8	12.1	7.7	8.6	)		( 9.9	7.1	10.0	9.9
1976 - 1980	*	)	( 11.5	7.0	*	) 10.5	10.6	(9.7	8.8	11.0	10.2
1981 - 1985	*	) 17.0	(17.2	)	( 13.9	)	( 12.2	(10.8	12.4	14.3	12.2
1986 to survey date	*	)	( 38.1	) 6.1	( *	) 9.2	(*	(15.9	25.5	24.7	19.4
PARTICIPATION RATE(a) (per cent)												
Before 1971	68.3	63.4	60.0	57.2	54.0	66.1	68.1	69.8	44.0	42.1	56.5	
1971 - 1975	83.3	76.9	70.4	72.7	69.1	76.1	73.7	84.7	59.5	59.5	72.3	
1976 - 1980	73.0	66.5	64.6	73.5	59.6	81.8	81.3	83.3	57.4	55.4	69.2	
1981 - 1985	68.1	64.3	58.3	72.5	68.6	81.7	79.9	80.2	54.3	53.1	66.6	
1986 to survey date	68.1	69.9	45.2	69.8	54.0	81.8	75.2	73.6	42.0	46.6	59.7	

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 16. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, AUGUST 1987 ('000)

	Age group								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	
MALES									
Full-time workers	229.1	472.0	1,118.5	1,036.1	677.7	248.0	125.9	39.9	3,947.0
Part-time workers	102.1	45.5	44.1	34.6	30.7	17.0	19.9	21.4	315.3
Total	331.3	517.4	1,162.6	1,070.7	708.4	265.0	145.8	61.2	4,262.3
MARRIED FEMALES									
Full-time workers	5.5	101.3	276.2	289.4	175.1	41.8	14.5	5.7	909.7
Part-time workers	*	33.4	237.7	301.5	168.4	39.9	16.9	7.9	807.5
Total	7.2	134.6	514.0	591.0	343.6	81.8	31.5	13.6	1,717.3
ALL FEMALES									
Full-time workers	165.7	350.5	478.1	388.5	230.3	60.8	24.5	10.8	1,709.2
Part-time workers	127.7	89.1	278.9	331.2	188.2	48.3	23.2	15.1	1,101.6
Total	293.4	439.6	757.0	719.6	418.5	109.2	47.7	25.9	2,810.8
PERSONS									
Full-time workers	394.9	822.4	1,596.6	1,424.5	908.0	308.8	150.4	50.6	5,656.3
Part-time workers	229.8	134.6	323.0	365.8	218.9	65.4	43.1	36.5	1,416.9
Total	624.7	957.0	1,919.6	1,790.3	1,126.9	374.2	193.4	87.1	7,073.2

TABLE 17. HOURS WORKED BY EMPLOYED PERSONS, AUGUST 1987

	Females				Persons
	Males	Married	Not married	Total	
NUMBER EMPLOYED ('000)					
Weekly hours worked -					
0	209.5	89.2	52.5	141.6	351.2
1-15	184.7	353.0	174.0	527.0	711.6
16-29	245.3	380.9	118.5	499.4	744.7
30-34	317.3	159.6	99.9	259.5	576.8
35-39	730.4	271.0	249.3	520.3	1,250.6
40	950.7	234.2	233.8	468.0	1,418.7
41-44	276.6	53.3	58.8	112.1	388.7
45-48	396.5	54.9	50.1	105.0	501.5
49 and over	951.4	121.2	56.7	177.9	1,129.3
Total	4,262.3	1,717.3	1,093.6	2,810.8	7,073.2
WEEKLY HOURS WORKED					
Aggregate weekly hours worked (million)	169.8	48.1	33.9	81.9	251.7
By full-time workers	165.0	35.0	29.8	64.8	229.7
By part-time workers	4.8	13.1	4.1	17.2	22.0
Average weekly hours worked	39.8	28.0	31.0	29.2	35.6
By full-time workers	41.8	38.5	37.2	37.9	40.6
By part-time workers	15.3	16.2	14.0	15.6	15.5
By wage and salary earners	38.3	27.9	31.0	29.3	34.6
By other than wage and salary earners	46.6	28.2	30.4	28.5	40.8
Average weekly hours worked by persons who worked one hour or more in the reference week	41.9	29.5	32.5	30.7	37.4
By full-time workers	43.9	40.7	39.2	40.0	42.7
By part-time workers	16.2	17.0	14.6	16.4	16.3

TABLE 18. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, AUGUST 1987 (per cent)

Age group	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
15-19	*	47.1	47.2	37.2	43.4	43.2	45.2
20-24	87.6	76.1	78.2	57.7	73.1	67.6	72.9
25-34	91.8	81.7	88.0	53.1	68.3	57.2	72.6
35-44	92.2	78.8	89.9	61.7	61.9	61.8	76.0
45-54	87.9	73.8	85.8	53.4	50.6	52.8	69.6
55-59	73.3	55.8	70.3	29.0	31.4	29.6	50.1
60-64	42.5	37.5	41.6	12.6	14.3	13.1	27.1
65 and over	9.9	4.4	8.4	3.5	2.0	2.6	5.0
Total	74.3	61.2	69.2	45.9	42.0	44.3	56.6

TABLE 19. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, AUGUST 1987 ('000)

Reason for working less than 35 hours	Females			Total	Persons
	Males	Married	Not married		
Leave, holiday or fltetime	335.0	101.2	81.9	183.0	518.1
Own illness or injury	145.1	46.9	46.3	93.2	238.3
Bad weather, plant breakdown, etc.	21.6	*	*	*	23.2
Began or left job in the reference week	9.2	*	*	4.1	13.3
Stood down, on short time, insufficient work	33.1	7.8	3.8	11.5	44.6
Shift work, standard work arrangements	74.3	11.1	13.2	24.3	98.6
Other reasons	23.1	5.3	*	8.2	31.2
Total	641.4	175.1	150.9	326.0	967.4

TABLE 20. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, AUGUST 1987
('000)

	Age group						
	15-19	20-24	25-34	35-44	45-54	55 and over	Total
MALES							
Total	102.1	45.5	44.1	34.6	30.7	58.3	315.3
Preferred not to work more hours	77.0	28.4	26.4	22.1	21.6	49.6	225.1
Preferred to work more hours	25.2	17.0	17.7	12.5	9.2	8.7	90.2
Had actively looked for full-time work in the four weeks to the end of the reference week	9.9	8.3	10.2	7.1	3.8	*	42.6
MARRIED FEMALES							
Total	*	33.4	237.7	301.5	168.4	64.7	807.5
Preferred not to work more hours	*	25.1	207.7	260.7	152.7	61.9	709.0
Preferred to work more hours	*	8.3	30.0	40.8	15.8	*	98.6
Had actively looked for full-time work in the four weeks to the end of the reference week	*	3.9	9.0	7.8	*	*	23.6
ALL FEMALES							
Total	127.7	89.1	278.9	331.2	188.2	86.6	1,101.6
Preferred not to work more hours	97.3	61.3	234.5	281.0	167.0	81.5	922.6
Preferred to work more hours	30.4	27.8	44.4	50.2	21.1	5.1	179.0
Had actively looked for full-time work in the four weeks to the end of the reference week	11.2	13.4	13.4	10.7	*	*	53.3
PERSONS							
Total	229.8	134.6	323.0	365.8	218.9	144.9	1,416.9
Preferred not to work more hours	174.2	89.8	260.9	303.1	188.6	131.0	1,147.7
Preferred to work more hours	55.6	44.8	62.0	62.6	30.3	13.9	269.2
Had actively looked for full-time work in the four weeks to the end of the reference week	21.1	21.7	23.6	17.8	7.1	4.6	95.9

TABLE 21. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, AUGUST 1987
('000)

	Hours worked by persons who worked in the reference week						Persons who did not work in the ref- erence week	Total
	1-5	6-10	11-15	16-20	21-29	30-34		
MALES								
Total	49.8	65.6	37.6	44.5	50.3	50.5	16.8	315.3
Preferred not to work more hours	35.3	47.8	26.8	26.4	35.3	39.4	14.0	225.1
Preferred to work more hours	14.5	17.8	10.8	18.2	15.0	11.1	*	90.2
Had actively looked for full-time work in the four weeks to the end of the reference week	6.2	10.9	6.5	9.6	5.3	3.6	*	42.6
MARRIED FEMALES								
Total	77.8	144.0	119.6	168.7	165.9	91.6	39.9	807.5
Preferred not to work more hours	61.7	117.9	102.1	152.9	151.3	85.4	37.8	709.0
Preferred to work more hours	16.1	26.1	17.6	15.7	14.6	6.3	*	98.6
Had actively looked for full-time work in the four weeks to the end of the reference week	3.7	5.9	4.5	4.2	4.7	---	*	23.6
ALL FEMALES								
Total	134.4	217.1	156.9	202.0	213.9	124.8	52.6	1,101.6
Preferred not to work more hours	103.5	175.4	129.7	171.9	183.1	111.1	48.1	922.6
Preferred to work more hours	30.9	41.7	27.2	30.1	30.8	13.7	4.5	179.0
Had actively looked for full-time work in the four weeks to the end of the reference week	8.4	12.0	9.4	9.5	7.9	4.3	*	53.3
PERSONS								
Total	184.2	282.7	194.6	246.5	264.2	175.3	69.4	1,416.9
Preferred not to work more hours	138.8	223.2	156.5	198.3	218.4	150.5	62.1	1,147.7
Preferred to work more hours	45.4	59.5	38.1	48.2	45.8	24.8	7.3	269.2
Had actively looked for full-time work in the four weeks to the end of the reference week	14.6	22.9	15.9	19.1	13.2	7.9	*	95.9

TABLE 22. EMPLOYED PERSONS: INDUSTRY OF FULL-TIME AND PART-TIME WORKERS, AUGUST 1987
('000)

Industry division or subdivision	Total							
	Full-time workers		Part-time workers		Females			
	Males	Females	Males	Females	Males	Married	Total	Persons
Agriculture, forestry, fishing & hunting	271.1	51.5	25.2	56.2	296.3	93.9	107.7	404.0
Agriculture & services to agriculture	249.4	49.3	23.4	53.8	272.7	90.1	103.1	375.8
Forestry & logging, fishing & hunting	21.7	*	*	*	23.5	3.9	4.6	28.1
Mining	89.5	8.6	*	*	89.8	5.7	9.6	99.4
Manufacturing	822.2	238.6	25.6	65.1	847.8	201.3	303.6	1,151.4
Food, beverages and tobacco	126.1	38.4	6.0	16.8	132.1	34.6	55.2	187.3
Metal products	163.8	20.1	*	4.5	167.1	16.4	24.7	191.8
Other manufacturing	532.3	180.1	16.2	43.7	548.6	150.3	223.7	772.3
Electricity, gas and water	105.6	12.6	*	*	106.0	7.0	13.6	119.6
Construction	406.9	21.5	19.0	38.3	425.9	51.4	59.8	485.7
Wholesale and retail trade	697.6	322.2	95.7	292.4	793.3	341.9	614.7	1,408.0
Wholesale trade	289.6	90.1	11.0	38.0	300.6	79.0	128.1	428.7
Retail trade	408.0	232.1	84.6	254.4	492.6	262.9	486.6	979.2
Transport and storage	290.3	44.6	16.4	22.2	306.7	39.2	66.9	373.6
Communication	101.0	26.5	*	8.7	103.5	21.6	35.2	138.7
Finance, property and business services	377.5	256.3	29.7	103.2	407.2	196.5	359.5	766.7
Public administration and defence	216.1	106.0	5.8	23.1	221.9	67.6	129.0	350.9
Community services	404.0	491.5	46.0	338.8	450.0	532.1	830.3	1,280.3
Recreation, personal and other services	165.3	129.3	48.6	151.7	213.9	159.0	281.0	494.9
Total	3,947.0	1,709.2	315.3	1,101.6	4,262.3	1,717.3	2,810.8	7,073.2

TABLE 23. EMPLOYED PERSONS: INDUSTRY AND STATUS OF WORKER, AUGUST 1987
('000)

Industry division or subdivision	Employers		Self-employed		Wage and salary earners		Total (a)		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Agriculture, forestry, fishing & hunting	39.1	17.5	145.4	56.0	99.1	24.1	296.3	107.7	404.0
Agriculture & services to agriculture	36.2	16.0	136.4	55.5	87.6	21.9	272.7	103.1	375.8
Forestry & logging, fishing & hunting	*	*	9.0	*	11.5	*	23.5	4.6	28.1
Mining	*	*	*	*	87.2	9.2	89.8	9.6	99.4
Manufacturing	15.5	6.6	24.5	12.8	806.7	282.3	847.8	303.6	1,151.4
Food, beverages and tobacco	*	*	*	*	129.8	53.5	132.1	55.2	187.3
Metal products	*	*	4.7	*	160.7	22.8	167.1	24.7	191.8
Other manufacturing	12.6	5.6	19.2	11.0	516.2	206.0	548.6	223.7	772.3
Electricity, gas and water	*	*	*	*	106.0	13.6	106.0	13.6	119.6
Construction	31.3	7.3	119.3	16.6	274.2	31.8	425.9	59.8	485.7
Wholesale and retail trade	78.5	44.3	81.2	55.8	629.1	505.2	793.3	614.7	1,408.0
Wholesale trade	12.1	5.7	19.1	9.9	268.3	110.7	300.6	128.1	428.7
Retail trade	66.4	38.6	62.1	45.9	360.8	394.5	492.6	486.6	979.2
Transport and storage	10.4	3.6	42.5	6.4	252.5	55.3	306.7	66.9	373.6
Communication	*	*	*	*	102.1	33.7	103.5	35.2	138.7
Finance, property and business services	35.3	7.2	51.1	23.0	319.8	325.6	407.2	359.5	766.7
Public administration and defence	*	*	*	*	221.9	129.0	221.9	129.0	350.9
Community services	19.4	4.9	10.4	15.4	419.8	807.3	450.0	830.3	1,280.3
Recreation, personal and other services	20.8	20.4	33.3	30.5	157.7	228.8	213.9	281.0	494.9
Total	250.5	111.8	511.4	218.2	3,476.0	2,445.9	4,262.3	2,810.8	7,073.2
Full-time workers	243.0	63.3	453.5	103.3	3,242.4	1,538.7	3,947.0	1,709.2	5,656.3

(a) Includes unpaid family helpers.

TABLE 24. EMPLOYED PERSONS: INDUSTRY, AGE AND BIRTHPLACE, AUGUST 1987
('000)

Industry division or subdivision	Age group						Total	Born in Australia	Born outside Australia
	15-19	20-24	25-34	35-44	45-54	55 and over			
Agriculture, forestry, fishing & hunting	25.8	33.8	82.4	96.5	76.6	88.9	404.0	364.6	39.3
Agriculture & services to agriculture	23.6	29.5	73.8	91.3	71.2	86.5	375.8	338.8	37.0
Forestry & logging, fishing & hunting	*	4.3	8.6	5.2	5.5	*	28.1	25.8	*
Mining	3.6	11.5	31.9	31.5	16.4	4.6	99.4	77.0	22.4
Manufacturing	91.3	169.7	304.1	289.6	186.7	109.9	1,151.4	738.7	412.7
Food, beverages and tobacco	17.2	25.7	48.0	46.5	33.4	16.4	187.3	130.7	56.6
Metal products	15.0	28.2	55.6	43.2	30.8	19.1	191.8	125.6	66.2
Other manufacturing	59.2	115.8	200.6	199.9	122.5	74.4	772.3	482.5	289.9
Electricity, gas and water	4.2	14.6	36.5	25.5	25.1	13.6	119.6	95.8	23.8
Construction	33.2	57.1	148.7	124.7	79.9	42.1	485.7	340.1	145.6
Wholesale and retail trade	264.1	206.8	325.7	313.7	196.5	101.3	1,408.0	1,094.3	313.7
Wholesale trade	28.0	58.6	118.8	112.5	69.6	41.3	428.7	322.0	106.7
Retail trade	236.1	148.2	206.9	201.2	126.9	59.9	979.2	772.3	207.0
Transport and storage	11.6	41.0	103.2	102.8	75.7	39.3	373.6	281.9	91.7
Communication	*	17.2	50.6	36.3	20.4	12.0	138.7	105.8	32.9
Finance, property and business services	62.3	131.7	214.7	187.9	107.6	62.4	766.7	585.9	180.8
Public administration and defence	16.7	45.6	99.1	99.7	56.4	33.3	350.9	279.0	71.9
Community services	45.7	141.0	389.2	371.5	220.0	112.8	1,280.3	977.5	302.8
Recreation, personal and other services	64.0	86.9	133.4	110.6	65.5	34.5	494.9	375.7	119.2
Total	624.7	957.0	1,919.6	1,790.3	1,126.9	654.7	7,073.2	5,316.2	1,756.9

TABLE 25. EMPLOYED PERSONS: INDUSTRY AND HOURS WORKED, AUGUST 1987

Industry division or subdivision	Hours worked									Total	Average weekly hours worked (hours)	
	0	1-15	16-29	30-34	35-39	40	41-44	45-48	49 and over			
	-'000 -											
MALES												
Agriculture, forestry, fishing & hunting	13.0	16.7	14.5	11.4	13.2	42.1	12.7	21.8	150.8	296.3	48.2	
Agriculture & services to agriculture	11.4	15.6	13.2	10.2	10.3	38.2	11.3	20.8	141.7	272.7	48.5	
Forestry & logging, fishing & hunting	---	4.0	---	---	4.2	---	---	---	9.1	23.5	44.6	
Mining	6.1	*	6.9	5.0	20.5	17.8	7.0	9.1	15.6	89.8	38.6	
Manufacturing	36.9	13.6	39.9	61.3	181.6	218.4	67.1	94.3	134.7	847.8	39.3	
Food, beverages and tobacco	7.4	*	6.9	9.2	19.9	41.6	10.9	12.0	21.1	132.1	38.4	
Metal products	7.0	*	8.3	12.6	36.8	42.1	11.7	18.2	28.3	167.1	39.7	
Other manufacturing	22.4	8.4	24.7	39.5	124.9	134.7	44.5	64.1	85.3	548.6	39.5	
Electricity, gas and water	6.8	*	6.1	21.9	34.0	15.9	6.5	8.0	6.8	106.0	35.5	
Construction	23.5	9.1	28.3	34.1	60.3	121.7	24.0	41.2	83.6	425.9	39.2	
Wholesale and retail trade	27.5	67.1	31.5	36.6	86.5	192.6	57.8	75.8	218.0	793.3	40.9	
Wholesale trade	11.5	5.4	9.4	16.0	41.6	84.3	21.0	36.3	75.3	300.6	41.8	
Retail trade	16.0	61.7	22.1	20.7	44.9	108.3	36.7	39.5	142.7	492.6	40.4	
Transport and storage	23.2	7.7	24.0	22.1	38.1	69.2	18.5	28.0	75.8	306.7	39.6	
Communication	7.9	*	6.7	14.0	40.9	13.9	8.3	7.9	*	103.5	34.5	
Finance, property and business services	17.3	16.0	22.7	31.9	64.6	86.3	24.2	41.2	103.0	407.2	40.5	
Public administration and defence	12.1	3.6	15.5	29.2	79.2	43.9	12.1	12.4	14.0	221.9	35.6	
Community services	23.7	19.9	31.3	38.1	91.5	91.3	27.7	42.7	83.7	450.0	38.5	
Recreation, personal and other services	11.4	28.1	18.0	11.6	19.9	37.7	10.6	14.2	62.5	213.9	39.2	
Total employed	209.5	184.7	245.3	317.3	730.4	950.7	276.6	396.5	951.4	4,262.3	39.8	
MARRIED FEMALES												
Agriculture, forestry, fishing & hunting	6.2	28.3	16.5	4.7	6.5	6.3	---	5.8	---	19.7	29.3	
Agriculture & services to agriculture	5.9	26.6	15.8	4.7	6.1	6.1	---	5.6	---	19.2	29.7	
Mining	*	*	*	*	---	3.6	---	*	*	*	5.7	
Manufacturing	8.1	19.2	32.9	21.6	55.6	40.9	9.2	4.8	8.9	201.3	31.9	
Food, beverages and tobacco	---	4.7	---	8.3	4.6	5.9	---	4.4	---	34.6	30.6	
Metal products	*	*	4.0	*	5.5	3.5	*	*	*	16.4	32.1	
Other manufacturing	6.0	14.5	22.4	15.3	44.2	30.7	7.1	3.7	6.4	150.3	32.1	
Electricity, gas and water	*	*	*	---	4.3	*	*	*	*	7.0	30.5	
Construction	4.0	24.9	8.2	*	4.0	5.3	*	*	*	51.4	17.7	
Wholesale and retail trade	13.7	70.9	82.0	28.0	42.6	46.3	12.2	13.1	33.2	341.9	29.0	
Wholesale trade	4.0	12.5	18.2	7.7	14.8	14.0	---	4.5	---	79.0	28.3	
Retail trade	9.7	58.3	63.8	20.3	27.8	32.3	10.4	10.3	30.0	262.9	29.2	
Transport and storage	*	10.3	7.0	4.3	4.3	5.1	---	5.4	---	39.2	25.3	
Communication	---	4.9	---	4.2	3.7	6.3	*	*	*	21.6	28.0	
Finance, property and business services	10.6	39.9	40.1	18.6	35.8	30.3	6.9	4.2	10.2	196.5	27.6	
Public administration and defence	5.8	9.7	11.5	5.4	21.3	8.7	---	5.4	---	67.6	28.3	
Community services	30.1	99.4	137.3	59.7	77.2	70.4	13.8	19.0	25.2	532.1	27.0	
Recreation, personal and other services	4.9	46.9	39.3	8.8	13.2	17.5	*	6.9	18.0	159.0	27.5	
Total employed	89.2	353.0	380.9	159.6	271.0	234.2	53.3	54.9	121.2	1,717.3	28.0	
ALL FEMALES												
Agriculture, forestry, fishing & hunting	7.4	32.4	18.3	5.8	7.4	8.2	*	3.9	21.7	107.7	29.2	
Agriculture & services to agriculture	7.0	30.8	17.6	5.5	7.0	7.7	*	3.9	21.3	103.1	29.5	
Mining	*	*	*	---	3.8	---	---	3.9	---	9.6	33.4	
Manufacturing	11.1	23.3	40.4	33.7	86.4	69.3	15.7	9.8	13.8	303.6	33.1	
Food, beverages and tobacco	4.0	5.4	11.1	6.7	8.6	11.8	---	5.0	---	55.2	30.1	
Metal products	*	---	4.9	*	8.8	5.7	*	*	*	24.7	33.2	
Other manufacturing	6.6	15.9	26.4	24.2	69.1	51.8	12.5	7.1	10.2	223.7	33.9	
Electricity, gas and water	*	*	---	4.6	---	5.8	*	*	*	13.6	33.2	
Construction	4.1	25.6	8.7	3.5	6.7	7.8	*	*	*	59.8	20.1	
Wholesale and retail trade	23.5	159.5	109.8	46.4	86.7	98.4	27.5	23.4	39.6	614.7	27.7	
Wholesale trade	6.6	14.3	20.1	12.6	29.7	29.0	5.5	5.4	4.9	128.1	31.1	
Retail trade	16.9	145.2	89.7	33.8	57.0	69.4	22.0	18.0	34.6	486.6	26.8	
Transport and storage	4.4	11.6	10.5	6.0	12.2	11.6	---	5.9	---	66.9	29.3	
Communication	4.1	*	6.3	5.2	12.1	---	3.6	---	*	35.2	28.3	
Finance, property and business services	19.3	48.0	54.1	35.2	88.5	70.3	14.7	12.5	17.0	359.5	30.6	
Public administration and defence	9.9	11.6	19.6	11.8	45.1	18.2	5.7	*	3.8	129.0	30.6	
Community services	46.0	128.4	173.0	92.6	141.4	136.4	30.1	34.8	47.6	830.3	29.1	
Recreation, personal and other services	10.9	82.7	55.8	15.7	24.9	41.1	10.4	12.3	27.2	281.0	27.4	
Total employed	141.6	527.0	499.4	259.5	520.3	468.0	112.1	105.0	177.9	2,810.8	29.2	
PERSONS												
Agriculture, forestry, fishing & hunting	20.4	49.1	32.8	17.2	20.6	50.3	15.2	25.7	172.5	404.0	43.1	
Agriculture & services to agriculture	18.4	46.4	30.8	15.7	17.2	45.9	13.7	24.8	163.0	375.8	43.3	
Forestry & logging, fishing & hunting	---	4.8	---	3.5	---	4.3	*	*	9.6	28.1	41.0	
Mining	6.6	*	7.8	6.0	23.3	20.8	7.2	9.6	15.6	99.4	38.1	
Manufacturing	47.9	36.9	80.3	95.0	268.1	287.7	82.8	104.1	148.6	1,151.4	37.7	
Food, beverages and tobacco	11.4	8.6	17.9	16.0	28.5	53.4	13.9	13.9	23.7	187.3	36.0	
Metal products	7.6	4.0	11.2	15.4	45.6	47.8	11.9	18.9	29.3	191.8	38.8	
Other manufacturing	29.0	24.3	51.1	63.6	194.0	186.5	57.1	71.2	95.5	772.3	37.8	
Electricity, gas and water	7.3	*	8.0	24.6	39.8	17.2	6.5	8.7	7.1	119.6	35.3	
Construction	27.7	34.8	37.1	37.6	67.1	129.5	25.0	41.9	85.2	485.7	36.8	
Wholesale and retail trade	51.0	226.5	141.3	83.0	173.2	290.9	85.3	99.2	257.6	1,408.0	35.1	
Wholesale trade	18.1	19.7	29.5	28.6	71.2	113.3	26.5	41.7	80.2	428.7	38.6	
Retail trade	33.0	206.9	111.8	54.4	101.9	177.6	58.8	57.5	177.3	979.2	33.6	
Transport and storage	27.6	19.3	34.6	28.1	50.3	80.8	21.7	30.8	80.5	373.6	37.7	
Communication	12.0	4.1	13.0	19.1	53.1	16.4	9.5	8.2	*	138.7	32.9	
Finance, property and business services	36.6	64.0	76.8	67.1	153.1	156.6	38.9	53.7	120.0	766.7	35.8	
Public administration and defence	22.0	15.2	35.1	41.0	124.3	62.1	17.8	15.6	17.9	350.9	33.7	
Community services	69.7	148.3	204.2	130.7	233.0	227.7	57.8	77.6	131.3	1,280.3	32.4	
Recreation, personal and other services	22.3	110.8	73.7	27.3	44.8	78.8	21.1	26.5	89.7	494.9	32.5	
Total employed	351.2	711.6	744.7	576.8	1,250.6	1,418.7	388.7	501.5	1,129.3	7,073.2	35.6	

TABLE 26. EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, AUGUST 1987
('000)

Industry division	Occupation major group							Total
	Managers and administrators	Professionals	Para-professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators, and drivers	Labourers and related workers
MALES								
Agriculture, forestry, fishing and hunting	184.0	*	8.0	14.5	*	*	8.6	78.1
Mining	3.9	8.5	6.2	21.4	*	*	25.4	21.5
Manufacturing	72.3	53.0	19.9	322.2	29.9	27.7	142.9	180.0
Electricity, gas and water	*	10.8	16.1	30.8	12.3	*	13.9	18.3
Construction	24.6	11.4	16.2	258.8	7.4	*	29.7	75.8
Wholesale and retail trade	162.4	31.3	13.5	193.5	33.6	203.6	37.2	118.2
Transport and storage	18.5	7.0	16.3	27.6	25.2	12.4	152.6	47.0
Communication	4.8	6.7	10.9	36.4	35.8	*	3.5	5.3
Finance, property and business services	53.6	118.5	22.6	11.4	76.3	75.5	7.1	42.4
Public administration & defence	19.8	33.2	29.3	20.8	55.4	*	25.1	36.1
Community services	20.2	221.4	74.7	32.6	23.7	5.3	17.6	54.4
Recreation, personal and other services	40.1	26.7	15.2	49.3	5.7	34.7	*	38.9
Total	606.7	530.5	248.9	1,019.4	308.8	365.2	466.9	715.9
FEMALES								
Agriculture, forestry, fishing and hunting	74.0	*	*	*	7.1	*	*	23.4
Mining	*	*	*	*	6.6	*	*	*
Manufacturing	6.9	11.4	5.1	24.3	93.1	17.2	74.2	71.4
Electricity, gas and water	*	*	*	*	8.8	*	*	*
Construction	*	*	*	*	51.6	*	*	*
Wholesale and retail trade	57.7	9.3	3.5	13.6	144.3	334.2	7.8	44.3
Transport and storage	*	*	*	*	34.9	19.3	4.5	4.5
Communication	*	*	*	*	27.2	*	*	*
Finance, property and business services	8.3	26.2	5.3	*	226.4	56.9	*	35.5
Public administration & defence	*	14.1	6.6	*	85.0	5.3	*	12.6
Community services	13.3	258.5	164.6	8.7	189.7	82.6	*	109.7
Recreation, personal and other services	19.5	15.1	*	51.6	30.7	98.3	*	61.2
Total	186.3	341.1	191.8	106.3	905.5	616.7	92.4	370.8
PERSONS								
Agriculture, forestry, fishing and hunting	257.9	*	8.7	16.5	8.1	*	8.7	101.5
Mining	4.2	9.4	6.8	21.6	9.2	*	25.4	22.4
Manufacturing	79.2	64.4	25.0	346.5	122.9	44.9	217.1	251.4
Electricity, gas and water	*	12.3	17.0	31.4	21.0	*	13.9	19.3
Construction	24.7	12.1	17.1	260.8	59.0	*	29.9	78.9
Wholesale and retail trade	220.0	40.6	17.0	207.1	177.9	537.7	45.1	162.5
Transport and storage	19.5	8.7	16.6	28.3	60.2	31.8	157.1	51.5
Communication	6.8	8.1	10.9	36.7	63.1	*	3.8	8.3
Finance, property and business services	61.9	144.7	27.8	12.3	302.6	132.4	7.1	77.9
Public administration & defence	22.9	47.3	35.8	22.3	140.4	7.5	25.9	48.7
Community services	33.6	479.9	239.3	41.3	213.5	87.9	20.7	164.1
Recreation, personal and other services	59.5	41.9	18.6	100.9	36.4	132.9	4.5	100.2
Total	793.0	871.6	440.7	1,125.7	1,214.3	981.9	559.3	1,086.7

TABLE 27. EMPLOYED PERSONS BY INDUSTRY SUBDIVISIONS, AUGUST 1987
('000)

Industry division and subdivision	Males	Females		Persons
		Married	Total	
AGRICULTURE, FORESTRY, FISHING AND HUNTING	296.3	93.9	107.7	404.0
Agriculture	259.3	88.7	101.7	361.0
Services to agriculture	13.4	*	*	14.8
Forestry and logging	10.2	*	*	11.7
Fishing and hunting	13.4	*	*	16.5
MINING	89.8	5.7	9.6	99.4
Metallic minerals	30.6	*	*	33.2
Coal	38.4	*	*	39.9
Construction Materials	5.9	*	*	6.5
Services to mining, n.e.c.	8.2	*	3.9	12.1
Other mining	6.7	*	*	7.7
MANUFACTURING	847.8	201.3	303.6	1,151.4
Food, beverages and tobacco	132.1	34.6	55.2	187.3
Textiles	21.8	9.7	15.0	36.8
Clothing and footwear	21.6	44.3	61.7	83.3
Footwear	4.5	3.5	5.8	10.4
Wood, wood products and furniture	78.5	12.7	16.6	95.0
Paper, paper products, printing and publishing	86.1	24.1	42.6	128.7
Chemical, petroleum and coal products	44.1	8.3	12.5	56.5
Non-metallic mineral products	39.9	4.9	7.7	47.5
Basic metal products	73.9	*	5.1	79.0
Fabricated metal products	93.1	13.3	19.6	112.8
Transport equipment	103.1	9.6	13.6	116.7
Other machinery and equipment	108.2	24.4	35.7	143.9
Miscellaneous manufacturing	45.4	12.4	18.5	64.0
ELECTRICITY, GAS AND WATER	106.0	7.0	13.6	119.6
Electricity and gas	73.9	5.6	10.1	84.0
Water, sewerage and drainage	32.1	*	3.5	35.6
CONSTRUCTION	425.9	51.4	59.8	485.7
General construction	165.1	19.6	25.4	190.5
Special trade construction	260.8	31.8	34.4	295.3
WHOLESALE AND RETAIL TRADE	793.3	341.9	614.7	1,408.0
Wholesale trade	300.6	79.0	128.1	428.7
Retail trade	492.6	262.9	486.6	979.2
TRANSPORT AND STORAGE	306.7	39.2	66.9	373.6
Road freight transport	98.1	13.5	16.6	114.7
Road passenger transport	57.0	6.5	9.6	66.6
Rail transport	74.6	*	5.8	80.4
Water transport	6.1	*	*	7.3
Air transport	22.2	4.7	10.7	32.9
Other transport	*	*	*	*
Services to road transport	*	*	*	4.7
Services to water transport	19.1	*	*	20.7
Services to air transport	5.8	*	*	6.2
Other services to transport	13.7	7.9	17.6	31.3
Storage	6.0	*	*	7.8
COMMUNICATION	103.5	21.6	35.2	138.7
FINANCE, PROPERTY AND BUSINESS SERVICES	407.2	196.5	359.5	766.7
Finance and investment	115.2	60.3	125.4	240.6
Insurance and services to insurance	48.7	22.2	43.6	92.3
Property and business services	243.3	114.0	190.6	433.9
PUBLIC ADMINISTRATION AND DEFENCE	221.9	67.6	129.0	350.9
Public administration	201.9	62.9	120.8	322.7
Defence	20.0	4.7	8.2	28.3
COMMUNITY SERVICES	450.0	532.1	830.3	1,280.3
Health	122.7	253.3	386.3	509.0
Education, museum and library services	185.5	210.2	313.2	498.6
Welfare and religious institutions	34.0	42.3	74.9	108.9
Other community services	107.8	26.3	55.9	163.7
RECREATION, PERSONAL AND OTHER SERVICES	213.9	159.0	281.0	494.9
Entertainment and recreational services	69.9	28.9	48.4	118.3
Restaurants, hotels and clubs	109.0	84.2	146.6	255.6
Personal services	32.9	40.5	73.0	106.0
Private households employing staff	*	5.4	13.0	15.1
TOTAL	4,262.3	1,717.3	2,810.8	7,073.2

TABLE 28. EMPLOYED PERSONS: OCCUPATION OF FULL-TIME AND PART-TIME WORKERS, AUGUST 1987 ('000)

Occupation major group					Total			
	Full-time workers		Part-time workers		-----			
	Males	Females	Males	Females	Males	Females	Total	Persons
Managers and administrators	588.8	128.9	17.9	57.3	606.7	153.8	186.3	793.0
Professionals	492.2	240.7	38.2	100.5	530.5	209.6	341.1	871.6
Para-professionals	237.1	124.5	11.8	67.3	248.9	113.9	191.8	440.7
Tradespersons	982.6	77.6	36.7	28.7	1,019.4	60.5	106.3	1,125.7
Clerks	293.0	615.5	15.9	290.0	308.8	554.9	905.5	1,214.3
Salespersons and personal service workers	299.2	280.3	66.1	336.4	365.2	303.9	616.7	981.9
Plant and machine operators, and drivers	448.4	74.2	18.6	18.2	466.9	67.5	92.4	559.3
Labourers and related workers	605.8	167.6	110.1	203.3	715.9	253.2	370.8	1,086.7
Total	3,947.0	1,709.2	315.3	1,101.6	4,262.3	1,717.3	2,810.8	7,073.2

TABLE 29. EMPLOYED PERSONS: OCCUPATION AND STATUS OF WORKER, AUGUST 1987 ('000)

Occupation major group	Employers		Self-employed		Wage and salary earners		Total (a)		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Managers and administrators	101.7	42.2	165.0	74.6	336.9	65.4	606.7	186.3	793.0
Professionals	47.6	6.0	33.4	15.4	449.5	319.2	530.5	341.1	871.6
Para-professionals	*	*	13.6	*	232.0	188.0	248.9	191.8	440.7
Tradespersons	61.1	9.0	152.5	16.9	803.7	79.7	1,019.4	106.3	1,125.7
Clerks	*	34.4	4.4	41.3	302.6	814.3	308.8	905.5	1,214.3
Salespersons and personal service workers	15.1	15.0	41.7	43.2	304.5	552.4	365.2	616.7	981.9
Plant and machine operators, and drivers	12.3	*	54.0	5.1	400.0	85.6	466.9	92.4	559.3
Labourers and related workers	9.0	3.8	46.6	18.5	646.9	341.2	715.9	370.8	1,086.7
Total	250.5	111.8	511.4	218.2	3,476.0	2,445.9	4,262.3	2,810.8	7,073.2
Full-time workers	243.0	63.3	453.5	103.3	3,242.4	1,538.7	3,947.0	1,709.2	5,656.3

(a) Includes unpaid family helpers.

TABLE 30. EMPLOYED PERSONS: OCCUPATION, AGE AND BIRTHPLACE, AUGUST 1987 ('000)

Occupation major group	Age group						Total	Born in Australia	Born outside Australia
	15-19	20-24	25-34	35-44	45-54	55 and over			
Managers and administrators	4.1	26.4	161.0	259.7	198.5	143.3	793.0	616.5	176.5
Professionals	6.6	81.6	306.0	277.0	129.2	71.2	871.6	654.2	217.4
Para-professionals	14.2	51.9	150.6	118.4	75.8	29.7	440.7	337.0	103.7
Tradespersons	125.2	189.0	319.8	246.8	154.0	91.0	1,125.7	808.4	317.4
Clerks	102.0	220.0	340.9	294.8	168.3	88.1	1,214.3	959.1	255.2
Salespersons and personal service workers	210.8	175.8	230.4	198.6	108.3	58.0	981.9	789.5	192.4
Plant and machine operators, and drivers	19.1	59.2	152.3	162.7	111.3	54.7	559.3	384.1	175.2
Labourers and related workers	142.7	153.1	258.5	232.4	181.4	118.7	1,086.7	767.5	319.2
Total	624.7	957.0	1,919.6	1,790.3	1,126.9	654.7	7,073.2	5,316.2	1,756.9

TABLE 31. EMPLOYED PERSONS: OCCUPATION AND HOURS WORKED, AUGUST 1987

Occupation major group	Hours worked									Total	Average weekly hours worked (hours)
	0	1-15	16-29	30-34	35-39	40	41-44	45-48	49 and over		
	-'000 -										
MALES											
Managers and administrators	21.6	8.7	16.6	18.3	42.1	83.5	29.0	69.3	317.7	606.7	50.0
Professionals	20.8	15.8	29.5	34.5	100.9	85.7	34.5	64.8	143.8	530.5	41.7
Para-professionals	18.8	8.9	15.0	22.7	61.4	54.2	15.3	19.1	33.3	248.9	36.7
Tradespersons	48.6	18.8	53.2	94.3	183.9	274.9	75.7	100.7	169.4	1,019.4	39.3
Clerks	17.3	9.1	24.4	32.8	101.5	65.8	19.1	18.2	20.6	308.8	35.2
Salespersons and personal service workers	14.3	44.3	20.4	19.9	40.5	85.7	27.0	30.5	82.6	365.2	37.8
Plant and machine operators, and drivers	27.6	10.6	29.2	33.3	73.5	111.5	33.2	45.5	102.6	466.9	39.9
Labourers and related workers	40.4	68.4	57.2	61.4	126.4	189.4	42.8	48.5	81.4	715.9	34.8
Total employed	209.5	184.7	245.3	317.3	730.4	950.7	276.6	396.5	951.4	4,262.3	39.8
MARRIED FEMALES											
Managers and administrators	8.4	24.4	22.3	9.1	15.1	13.5	6.2	9.5	45.4	153.8	37.3
Professionals	8.8	39.0	38.0	16.5	36.4	23.8	8.7	14.5	23.9	209.6	30.5
Para-professionals	9.6	15.5	31.8	12.6	12.2	23.6	5.2	---	*	113.9	26.8
Tradespersons	*	9.1	14.1	4.7	9.5	10.1	5.1	---	6.3	60.5	31.9
Clerks	30.3	120.2	115.2	57.3	116.2	80.0	14.2	9.1	12.3	554.9	26.2
Salespersons and personal service workers	15.3	69.0	89.5	26.2	26.9	36.1	10.7	9.8	20.3	303.9	26.2
Plant and machine operators, and drivers	*	6.3	9.3	6.4	21.7	13.8	4.7	---	*	67.5	32.6
Labourers and related workers	12.6	69.3	60.7	26.9	32.9	33.4	5.6	4.9	6.8	253.2	24.7
Total employed	89.2	353.0	380.9	159.6	271.0	234.2	53.3	54.9	121.2	1,717.3	28.0
ALL FEMALES											
Managers and administrators	10.1	27.0	24.3	10.9	19.5	19.5	7.5	13.5	53.9	186.3	37.9
Professionals	15.4	47.7	51.2	26.3	68.9	46.8	19.4	26.0	39.3	341.1	32.5
Para-professionals	16.4	19.9	39.2	22.4	26.8	46.9	6.7	6.0	7.5	191.8	29.1
Tradespersons	*	11.4	16.6	7.2	19.5	24.0	7.1	6.2	10.9	106.3	34.2
Clerks	45.7	135.7	151.3	93.6	238.0	165.6	33.1	21.6	20.8	905.5	29.2
Salespersons and personal service workers	28.0	175.6	129.1	49.2	68.7	90.0	24.7	19.7	31.7	616.7	25.7
Plant and machine operators, and drivers	*	7.0	11.4	9.6	29.2	20.5	4.4	4.0	*	92.4	33.6
Labourers and related workers	19.6	102.6	76.2	40.4	49.7	54.6	9.0	8.1	10.6	370.8	24.9
Total employed	141.6	527.0	499.4	259.5	520.3	468.0	112.1	105.0	177.9	2,810.8	29.2
PERSONS											
Managers and administrators	31.7	35.8	40.9	29.1	61.6	103.0	36.5	82.8	371.5	793.0	47.1
Professionals	36.2	63.5	80.7	60.9	169.8	132.6	53.9	90.8	183.2	871.6	38.1
Para-professionals	35.3	28.9	54.2	45.1	88.2	101.1	22.0	25.1	40.8	440.7	33.4
Tradespersons	52.0	30.1	69.8	101.5	203.5	298.9	82.8	106.9	180.3	1,125.7	38.8
Clerks	63.0	144.8	175.7	126.5	339.5	231.5	52.2	39.7	41.4	1,214.3	30.7
Salespersons and personal service workers	42.4	219.9	149.5	69.1	109.2	175.7	51.7	50.2	114.2	981.9	30.2
Plant and machine operators, and drivers	30.6	17.6	40.6	42.8	102.7	132.0	37.6	49.5	105.8	559.3	38.9
Labourers and related workers	60.0	171.0	133.4	101.8	176.1	244.0	51.8	56.6	92.0	1,086.7	31.4
Total employed	351.2	711.6	744.7	576.8	1,250.6	1,418.7	388.7	501.5	1,129.3	7,073.2	35.6

TABLE 32. EMPLOYED PERSONS: MAJOR AND MINOR OCCUPATION GROUPS, AUGUST 1987
('000)

Occupation major and minor group	Males	Females		Persons
		Married	Total	
MANAGERS AND ADMINISTRATORS	606.7	153.8	186.3	793.0
Legislators and government appointed officials	*	*	*	*
General managers	34.7	*	*	37.2
Specialist managers	142.0	13.6	24.3	166.3
Farmers and farm managers	184.2	69.2	74.6	258.8
Managing supervisors (sales and service)	163.0	63.7	76.7	239.7
Managing supervisors (other business)	81.5	5.5	7.9	89.4
PROFESSIONALS	530.5	209.6	341.1	871.6
Natural scientists	28.6	4.7	7.7	36.3
Building professionals and engineers	100.5	*	4.5	105.0
Health diagnosis and treatment practitioners	55.9	18.2	29.7	85.6
School teachers	85.2	108.4	164.4	249.6
Other teachers and instructors	44.4	25.1	37.9	82.3
Social professionals	34.1	7.7	14.1	48.1
Business professionals	123.4	23.0	42.8	166.2
Artists and related professionals	40.1	10.1	20.4	60.5
Miscellaneous professionals	18.2	10.8	19.8	38.0
PARA-PROFESSIONALS	248.9	113.9	191.8	440.7
Medical and science technical officers and technicians	12.7	5.3	11.0	23.7
Engineering and building associates and technicians	85.9	*	5.0	90.9
Air and sea transport technical workers	17.1	*	*	17.3
Registered nurses	11.0	84.3	135.0	146.0
Police	31.7	*	4.0	35.7
Miscellaneous para-professionals	90.5	20.4	36.6	127.1
TRADESPERSONS	1,019.4	60.5	106.3	1,125.7
Metal fitting and machining tradespersons	129.5	*	*	130.2
Other metal tradespersons	102.3	*	*	103.7
Electrical and electronics tradespersons	160.2	*	*	161.8
Building tradespersons	246.7	*	*	249.1
Printing tradespersons	37.6	3.7	6.8	44.4
Vehicle tradespersons	130.7	*	*	131.5
Food tradespersons	78.9	16.2	23.7	102.5
Amenity horticultural tradespersons	36.7	4.0	6.1	42.8
Miscellaneous tradespersons	96.9	33.0	62.9	159.7
CLERKS	308.8	554.9	905.5	1,214.3
Stenographers and typists	*	148.4	255.8	258.6
Data processing and business machine operators	18.2	36.8	68.3	86.5
Numerical clerks	114.5	199.1	279.0	393.4
Filing, sorting and copying clerks	25.7	21.5	43.7	69.4
Material recording and despatching clerks	49.1	12.9	22.3	71.4
Receptionists, telephonists and messengers	28.9	76.8	132.5	161.4
Miscellaneous clerks	69.7	59.2	103.8	173.5
SALESPERSONS AND PERSONAL SERVICE WORKERS	365.2	303.9	616.7	981.9
Investment, insurance and real estate salespersons	61.7	8.6	13.8	75.5
Sales representatives	75.5	14.1	23.4	98.8
Sales assistants	139.5	128.6	277.1	416.7
Tellers, cashiers and ticket salespersons	22.4	41.9	100.0	122.4
Miscellaneous salespersons	56.8	46.5	92.2	149.1
Personal service workers	9.4	64.1	110.1	119.5
PLANT AND MACHINE OPERATORS, AND DRIVERS	466.9	67.5	92.4	559.3
Road and rail transport drivers	233.3	8.1	10.5	243.9
Mobile plant operators (except transport)	83.9	*	*	84.4
Stationary plant operators	58.1	*	*	59.1
Machine operators	91.6	58.8	80.4	172.0
LABOURERS AND RELATED WORKERS	715.9	253.2	370.8	1,086.7
Trades assistants and factory hands	172.4	48.7	79.7	252.1
Agricultural labourers and related workers	94.2	15.8	25.1	119.3
Cleaners	61.2	97.6	132.4	193.7
Construction and mining labourers	128.2	*	*	130.8
Miscellaneous labourers and related workers	259.9	89.8	131.0	390.9
TOTAL	4,262.3	1,717.3	2,810.8	7,073.2

TABLE 33. UNEMPLOYED PERSONS: STATES, BY AGE, AUGUST 1987
('000)

Age group	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia (a)
MALES							
15-19	22.4	16.1	15.0	8.4	7.0	2.2	73.0
20-24	29.5	11.1	14.1	7.7	8.2	2.6	74.7
25-34	32.0	16.4	15.7	9.8	8.2	2.5	86.9
35 and over	45.7	21.1	22.0	9.1	9.3	3.5	112.4
Total	129.7	64.7	66.9	35.1	32.7	10.8	347.0
FEMALES							
15-19	20.3	16.7	13.9	8.5	6.8	2.3	70.6
20-24	20.2	12.6	8.5	5.3	3.1	1.3	51.8
25-34	20.9	14.3	11.9	5.1	5.8	2.1	61.5
35 and over	29.4	13.7	12.0	7.1	5.2	1.8	71.0
Total	90.8	57.3	46.4	26.1	21.0	7.5	254.9
PERSONS							
Looking for full-time work -							
15-19	33.4	22.6	21.9	13.9	9.9	3.3	106.6
20-24	44.0	20.1	20.2	12.0	9.8	3.4	111.5
25-34	44.8	22.1	23.2	13.1	11.9	3.6	122.0
35-44	35.7	14.1	16.5	7.4	5.5	2.7	83.0
45-54	18.8	7.5	9.6	3.5	3.7	1.1	45.6
55 and over	10.5	6.0	4.7	2.0	2.6	*	26.7
Total looking for full-time work	187.2	92.4	96.1	51.9	43.4	14.6	495.4
Total -							
15-19	42.6	32.8	28.9	17.0	13.8	4.5	143.6
20-24	49.7	23.8	22.6	13.0	11.3	4.0	126.5
25-34	53.0	30.6	27.6	14.9	14.0	4.5	148.4
35-44	41.3	19.3	18.8	9.5	7.1	3.2	100.5
45-54	21.2	8.6	10.0	4.0	4.5	1.5	51.2
55 and over	12.7	6.9	5.2	2.8	3.0	*	31.8
Total	220.5	122.0	113.2	61.2	53.6	18.3	601.9

(a) Includes the Northern Territory and the Australian Capital Territory

TABLE 34. UNEMPLOYED PERSONS AGED 15-19:
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, AUGUST 1987

	Not attending school		
	Attending school	Left school before 1986	Left school 1986 to survey date
			Total
NUMBER ('000)			
Duration of unemployment (weeks) -			
Under 4	8.9	7.7	25.0
4 and under 13	8.5	14.9	32.3
13 and under 26	5.5	8.4	21.2
26 and over	12.3	32.9	65.1
Total	35.2	63.9	143.6
AVERAGE DURATION OF UNEMPLOYMENT (weeks)			
Mean duration -			
Males	18.8	36.8	28.8
Females	19.7	56.7	36.3
Persons	19.2	46.8	32.5
Looking for full-time work	23.9	49.3	37.4
Looking for part-time work	17.7	*	18.4
Median duration -			
Males	10	20	20
Females	14	32	22
Persons	13	26	20
Looking for full-time work	*	28	26
Looking for part-time work	10	*	9

TABLE 35. UNEMPLOYED PERSONS, BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, AUGUST 1987

	Number unemployed ('000)					Unemployment rate (per cent)				
	Males		Females		Persons	Males		Females		Persons
	Married	Total	Married	Total		Married	Total	Married	Total	
LOOKING FOR FULL-TIME WORK										
Total	126.4	317.3	62.5	178.1	495.4	4.5	7.4	6.4	9.4	8.1
Aged 15-19	*	56.1	*	50.5	106.6	*	19.7	*	23.3	21.3
Looking for first job	*	17.9	*	18.7	36.5	..	..	..	..	..
Attending school	*	5.3	*	*	8.7	n.a.	n.a.	n.a.	n.a.	n.a.
Attending a tertiary educational institution full time	*	*	*	*	4.2	n.a.	n.a.	n.a.	n.a.	n.a.
Aged 20 and over	125.3	261.2	60.3	127.6	388.8	4.5	6.6	6.2	7.6	6.9
20-24	9.6	69.6	10.9	41.9	111.5	8.8	12.9	9.7	10.7	11.9
Looking for first job	*	*	*	*	6.8	..	..	..	..	..
25-34	39.3	84.1	18.6	37.9	122.0	5.0	7.0	6.3	7.3	7.1
35-44	35.6	52.1	19.3	30.9	83.0	3.9	4.8	6.3	7.4	5.5
45-54	21.0	30.4	10.2	15.2	45.6	3.4	4.3	5.5	6.2	4.8
55 and over	19.8	24.9	*	*	26.7	5.3	5.7	*	*	5.0
Aged 15-64	126.1	317.1	62.4	177.9	495.0	4.6	7.5	6.5	9.5	8.1
LOOKING FOR PART-TIME WORK										
Total	4.1	29.7	40.5	76.9	106.5	3.3	8.6	4.8	6.5	7.0
Aged 15-19	*	16.9	*	20.1	37.0	*	14.2	*	13.6	13.9
Attending school	*	13.3	*	13.1	26.5	*	16.9	*	14.9	15.8
Attending a tertiary educational institution full time	*	*	*	4.6	7.6	*	*	*	17.2	16.6
Aged 20 and over	4.1	12.8	40.0	56.8	69.6	3.3	5.7	4.7	5.5	5.5
20-24	*	5.1	4.3	9.9	15.0	*	10.1	11.5	10.0	10.1
Attending a tertiary educational institution full time	*	3.6	*	*	5.9	*	16.2	*	*	12.8
25-34	*	4.2	(17.5	23.6	26.4	*	5.0	(6.9	7.8	7.5
35-44	) 3.5	()	(13.2	16.2	17.5	) 3.4	()	(4.2	4.7	4.6
45 and over	)	( 3.6	(5.0	7.1	10.6	)	( 3.9	(2.1	2.5	2.8
Aged 15-64	3.9	29.2	40.3	76.4	105.6	3.6	9.0	4.8	6.6	7.1
TOTAL										
Total	130.5	347.0	103.0	254.9	601.9	4.5	7.5	5.7	8.3	7.8
Aged 15-19	*	73.0	*	70.6	143.6	*	18.1	*	19.4	18.7
Attending school	*	18.6	*	16.6	35.2	*	21.8	*	18.0	19.9
Attending a tertiary educational institution full time	*	5.4	*	6.4	11.9	*	23.2	*	22.2	22.6
Aged 20 and over(a)	129.4	274.0	100.3	184.4	458.4	4.4	6.5	5.5	6.8	6.6
20-24	9.7	74.7	15.2	51.8	126.5	8.6	12.6	10.1	10.6	11.7
Attending a tertiary educational institution full time	*	6.1	*	3.6	9.6	*	21.0	*	13.2	17.2
25-34	39.9	86.9	36.1	61.5	148.4	5.0	7.0	6.6	7.5	7.2
35-44	36.8	53.5	32.5	47.0	100.5	3.9	4.8	5.2	6.1	5.3
45-54	21.5	31.3	13.8	19.8	51.2	3.4	4.2	3.9	4.5	4.3
55-59	12.6	16.2	*	3.5	19.6	5.2	5.7	*	3.1	5.0
60-64	8.6	10.8	*	*	10.9	6.6	6.9	*	*	5.3
Aged 15-64	130.1	346.3	102.6	254.4	600.7	4.5	7.6	5.7	8.4	7.9

(a) Includes unemployed persons aged 65 and over, details for whom are not shown separately.

TABLE 36. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, AUGUST 1987

	Number unemployed ('000)			Unemployment rate (per cent)		
	Males	Females	Persons	Males	Females	Persons
BORN IN AUSTRALIA						
Total	247.8	186.1	433.9	7.3	8.0	7.5
Looking for full-time work	226.7	127.8	354.4	7.2	9.0	7.8
Looking for part-time work	21.2	58.3	79.5	7.7	6.3	6.7
Aged 15-19	63.4	64.0	127.3	17.6	19.3	18.4
Aged 20 and over	184.5	122.1	306.6	6.0	6.1	6.1
20-24	59.0	39.7	98.7	11.9	9.7	10.9
25-34	62.8	43.2	106.0	6.5	6.9	6.6
35-44	32.6	26.0	58.6	4.3	4.9	4.5
45-54	15.6	11.2	26.8	3.2	3.7	3.4
55 and over	14.5	*	16.5	4.3	*	3.5
Aged 15-64	247.6	185.9	433.5	7.4	8.0	7.6
BORN OUTSIDE AUSTRALIA						
Total	99.1	68.8	168.0	8.3	9.5	8.7
Looking for full-time work	90.6	50.3	141.0	8.0	10.8	8.8
Looking for part-time work	8.5	18.5	27.0	11.9	7.2	8.2
Aged 15-19	9.6	6.6	16.2	22.0	20.0	21.1
Aged 20 and over	89.5	62.2	151.7	7.7	9.0	8.2
20-24	15.7	12.1	27.8	16.3	14.6	15.5
25-34	24.1	18.3	42.4	8.6	9.7	9.0
35-44	20.8	21.0	41.9	5.8	9.0	7.1
45-54	15.7	8.7	24.3	6.1	6.4	6.2
55 and over	13.2	*	15.3	8.0	*	7.0
Aged 15-64	98.7	68.5	167.1	8.3	9.5	8.8

TABLE 37. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND AGE, ETC., AUGUST 1987

Duration of unemployment (weeks)	Age group				Total (a)	Married	Not married	Looking for -	
	15-19	20-24	25-34	35-54				Full-time work	Part-time work
MALES									
- '000 -									
Under 2	5.7	5.3	3.7	*	17.9	3.6	14.2	13.6	4.3
2 and under 4	7.5	7.2	8.2	5.2	29.3	9.7	19.6	23.9	5.4
4 and under 8	9.7	7.5	9.3	7.5	36.1	12.9	23.2	31.5	4.7
8 and under 13	7.1	7.4	7.2	8.0	30.7	11.7	19.0	27.7	*
13 and under 26	11.1	12.6	9.5	11.7	47.5	15.3	32.2	43.8	3.7
26 and under 39	17.0	11.1	12.7	8.1	51.6	14.1	37.5	47.6	4.0
39 and under 52	4.3	*	5.3	3.8	18.0	6.4	11.6	17.3)
52 and under 65	*	4.0	6.4	7.0	22.6	10.6	12.0	21.5	) 4.5
65 and under 104	*	4.2	8.7	6.4	23.8	9.5	14.3	23.1)
104 and over	4.6	12.2	16.0	24.4	69.6	36.8	32.8	67.5)
Total	73.0	74.7	86.9	84.8	347.0	130.5	216.5	317.3	29.7
- weeks -									
Average duration -									
Mean	28.8	46.6	57.2	74.7	56.8	71.7	47.9	59.9	24.0
Median	20	20	30	36	27	35	25	30	8
FEMALES									
- '000 -									
Under 2	4.6	4.7	7.8	6.4	23.8	11.6	12.2	10.2	13.6
2 and under 4	7.2	4.9	8.9	8.8	30.0	14.8	15.2	15.9	14.1
4 and under 8	8.5	5.9	9.7	6.8	31.3	14.1	17.2	20.8	10.5
8 and under 13	7.0	5.1	6.6	6.7	25.5	10.8	14.8	17.1	8.4
13 and under 26	10.0	9.3	7.9	8.6	36.6	13.2	23.5	28.2	8.4
26 and under 39	15.3	8.4	8.3	10.4	43.5	14.6	28.8	32.3	11.2
39 and under 52	3.8	*	*	*	7.5	*	5.6	6.8	*
52 and under 65	5.3	)	4.5	3.9	17.0	7.1	9.9	12.5	4.5
65 and under 104	4.5	) 6.1	*	3.5	12.9	4.8	8.2	11.1	*
104 and over	6.2	5.4	3.9	10.4	26.7	10.1	16.6	23.1	3.6
Total	70.6	51.8	61.5	66.9	254.9	103.0	151.9	178.1	76.9
- weeks -									
Average duration -									
Mean	36.3	35.1	29.5	46.4	37.3	34.9	38.9	43.5	23.0
Median	22	17	8	17	16	13	20	23	8
PERSONS									
- '000 -									
Under 2	10.3	10.0	11.5	9.1	41.7	15.2	26.4	23.8	17.9
2 and under 4	14.7	12.1	17.1	14.0	59.3	24.5	34.8	39.8	19.5
4 and under 8	18.3	13.4	19.0	14.4	67.4	27.0	40.4	52.3	15.2
8 and under 13	14.0	12.5	13.8	14.7	56.3	22.5	33.8	44.8	11.5
13 and under 26	21.2	21.9	17.4	20.4	84.1	28.4	55.7	72.0	12.1
26 and under 39	32.3	19.5	21.0	18.4	95.0	28.7	66.3	79.9	15.1
39 and under 52	6.2	5.3	7.4	5.1	25.5	8.3	17.2	24.1	*
52 and under 65	8.3	6.9	10.9	10.9	39.6	17.7	21.9	34.0	5.6
65 and under 104	7.5	7.4	10.3	9.9	36.7	14.3	22.5	34.2	*
104 and over	10.7	17.6	19.9	34.8	96.3	46.9	49.4	90.6	5.7
Total	143.6	126.5	148.4	151.7	601.9	233.5	368.4	495.4	106.5
- weeks -									
Average duration -									
Mean	32.5	41.9	45.7	62.2	48.6	55.4	44.2	54.0	23.3
Median	20	19	20	26	23	24	22	26	8

(a) Includes persons aged 55 and over, details for whom are not shown separately.

TABLE 38. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB
AND DURATION OF UNEMPLOYMENT, AUGUST 1987
(^{'000})

	Duration of unemployment (weeks)							Total		
	Under 4	4 and under 8	8 and under 13	13 and under 26	26 and under 39	39 and under 65	65 and over	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	57.6	45.5	39.8	59.2	54.1	42.4	22.1	209.9	110.7	320.6
Industry division or subdivision -										
Agriculture, forestry, fishing & hunting	4.0	---	4.5	---	4.2	---	4.8	15.9	*	17.7
Agriculture & services to agriculture	3.6	*	*	---	3.9	---	3.8	13.3	*	14.7
Manufacturing	12.1	8.5	7.2	13.0	13.5	9.9	6.8	54.3	16.5	70.9
Food, beverages and tobacco	---	5.0	---	4.1	---	4.3	---	9.5	4.2	13.7
Metal products	---	4.2	---	---	4.2	---	*	10.5	*	11.1
Other manufacturing	7.2	5.3	5.0	7.8	8.7	6.3	5.9	34.3	11.8	46.1
Construction	6.0	6.1	4.5	5.0	5.5	4.3	*	32.2	*	34.0
Wholesale and retail trade	13.6	11.1	11.1	15.3	13.9	11.8	5.3	45.9	36.1	82.0
Wholesale trade	---	5.1	---	4.5	---	5.4	---	13.3	5.4	18.7
Retail trade	10.6	8.9	8.0	10.9	11.2	9.1	4.7	32.6	30.8	63.3
Transport and storage	---	5.1	---	---	3.7	---	*	9.5	*	11.1
Finance, property & business services	4.0	---	5.2	---	5.8	---	4.4	8.8	11.6	20.4
Public administration and defence	---	3.6	---	*	3.7	---	4.6	9.9	5.2	15.2
Community services	5.9	*	4.5	5.6	5.8	---	3.9	10.4	18.8	29.2
Recreation, personal & other services	7.2	5.8	3.6	5.8	5.0	---	4.1	15.7	15.8	31.5
Other industries	---	4.2	---	---	4.1	---	*	7.1	*	8.6
Occupation group -										
Managers and administrators	3.5	---	3.5	---	5.2	---	*	11.2	3.6	14.9
Professionals	---	3.8	---	---	5.1	---	3.6	7.1	5.4	12.5
Para-professionals	---	4.1	---	---	3.7	---	*	5.2	3.9	9.1
Tradespersons	11.4	9.8	5.7	7.2	7.3	6.4	3.6	46.6	4.8	51.4
Clerks	8.5	5.3	5.8	5.5	6.0	---	5.5	9.6	27.1	36.7
Salespersons and personal service workers	9.6	7.4	7.8	11.6	9.5	7.4	*	18.3	38.4	56.7
Plant and machine operators	4.5	*	4.4	6.8	5.4	5.1	*	24.7	6.3	31.0
Labourers and related workers	16.1	14.3	12.1	20.1	20.2	16.0	9.4	87.2	21.1	108.3
Other	32.0	21.9	16.5	24.9	41.0	22.7	110.9	134.0	135.9	269.9
Looking for first job	10.5	8.8	4.6	9.6	17.4	8.4	14.1	34.1	39.4	73.5
Looking for full-time work	4.6	4.2	*	6.2	13.0	6.9	13.1	24.0	26.5	50.6
Other	21.6	13.1	11.9	15.2	23.6	14.3	96.8	99.9	96.5	196.5
Stood down	11.4	..	..	..	..	..	..	*	8.3	11.4
Total	101.0	67.4	56.3	84.1	95.0	65.1	133.0	347.0	254.9	601.9

TABLE 39. UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, AUGUST 1987
(per cent)

	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	4.7	3.8	4.3
Industry division or subdivision -			
Agriculture, forestry, fishing and hunting	5.1	*	4.2
Agriculture and services to agriculture	4.6	*	3.8
Mining	4.3	*	4.4
Manufacturing	6.0	5.2	5.8
Food, beverages and tobacco	6.7	7.0	6.8
Metal products	5.9	*	5.5
Other manufacturing	5.9	5.0	5.6
Electricity, gas and water	*	*	*
Construction	7.0	*	6.6
Wholesale and retail trade	5.5	5.6	5.5
Wholesale trade	4.2	4.0	4.2
Retail trade	6.2	5.9	6.1
Transport and storage	3.0	*	2.9
Communication	*	*	*
Finance, property and business services	2.1	3.1	2.6
Public administration and defence	4.3	3.9	4.1
Community services	2.3	2.2	2.2
Recreation, personal and other services	6.9	5.3	6.0
Occupation group -			
Managers and administrators	1.8	1.9	1.8
Professionals	1.3	1.6	1.4
Para-Professionals	2.0	2.0	2.0
Tradespersons	4.4	4.3	4.4
Clerks	3.0	2.9	2.9
Salespersons and personal service workers	4.8	5.9	5.5
Plant and machine operators, and drivers	5.0	6.4	5.3
Labourers and related workers	10.9	5.4	9.1
Total	7.5	8.3	7.8

TABLE 40. UNEMPLOYED PERSONS: AGE AND ACTIVE STEPS TAKEN TO FIND WORK(a), AUGUST 1987 ('000)

	Males	Females	Persons			Total
			Aged 15-19	Aged 20-24	Aged 25 and over	
Took active steps to find work	343.9	246.6	141.7	125.1	323.6	590.5
Wrote, phoned or applied in person to an employer	266.8	190.5	112.1	99.9	245.3	457.3
Answered a newspaper advertisement for a job	9.0	8.0	*	4.8	9.0	17.0
Checked factory or Commonwealth Employment Service noticeboards	39.3	26.8	13.8	12.8	39.5	66.1
Been registered with the Commonwealth Employment Service	23.3	15.4	9.9	6.7	22.2	38.7
Checked or registered with any other employment agency	*	*	*	*	*	*
Advertised or tendered for work	*	*	*	*	*	*
Contacted relatives or friends	*	4.6	*	*	4.5	7.9
Stood down	*	8.3	*	*	8.2	11.4
Total	347.0	254.9	143.6	126.5	331.8	601.9

(a) See Explanatory Notes, paragraph 15.

TABLE 41. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, AUGUST 1987

Age group	Males			Females			Persons	Proportion of population - per cent -
	Married	Not married	Total	Married	Not married	Total		
	- '000 -							
15-19	*	297.8	298.2	9.5	304.9	314.4	612.7	44.4
20-24	4.9	64.9	69.8	83.5	75.7	159.2	229.0	17.4
25-34	28.4	42.6	71.0	417.3	87.5	504.8	575.8	21.8
35-44	40.8	25.4	66.1	334.0	64.6	398.6	464.7	19.7
45-54	63.0	23.3	86.2	286.5	67.2	353.7	439.9	27.2
55-59	70.7	25.4	96.0	197.6	58.7	256.3	352.4	47.2
60-64	156.9	36.8	193.7	217.6	97.4	315.1	508.8	71.3
65-69	187.6	50.9	238.5	175.6	127.3	303.0	541.4	91.0
70 and over	285.4	143.5	428.9	201.1	473.5	674.6	1,103.4	96.9
Total	838.0	710.5	1,548.5	1,922.8	1,356.9	3,279.6	4,828.1	38.6

TABLE 42. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., AUGUST 1987 ('000)

	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
Looking for work	9.6	24.6	34.2	31.7	22.3	54.0	88.2
Took active steps to find work(a)	5.0	13.8	18.8	10.8	11.2	21.9	40.7
Did not take active steps to find work	4.6	10.8	15.4	21.0	11.1	32.1	47.5
Not looking for work	798.8	630.6	1,429.5	1,872.3	1,198.1	3,070.4	4,499.8
Permanently unable to work	11.4	9.6	21.1	4.4	9.3	13.7	34.8
In institutions	18.2	45.6	63.8	14.3	127.2	141.5	205.3
Total	838.0	710.5	1,548.5	1,922.8	1,356.9	3,279.6	4,828.1

(a) Not available to start work in the reference week for reasons other than own temporary illness or injury.

TABLE 43. ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM MATCHED RECORDS
JULY 1987 AND AUGUST 1987
('000)

Labour force status in - July 1987	August 1987	Males	Females		Persons
			Married	Total	
Employed full time	Employed full time	3,053.6	654.0	1,232.0	4,285.6
	Employed part time	56.7	49.5	71.8	128.4
	Unemployed	28.3	3.6	12.4	40.7
	Not in the labour force	48.8	24.3	36.4	85.2
Employed part time	Employed full time	38.0	53.5	73.6	111.6
	Employed part time	144.0	538.3	712.4	856.4
	Unemployed	8.8	8.5	16.8	25.7
	Not in the labour force	32.4	59.3	88.5	120.8
Unemployed	Employed full time	33.0	6.5	16.8	49.8
	Employed part time	14.8	12.4	24.5	39.3
	Unemployed	187.5	39.6	108.3	295.8
	Not in the labour force	31.4	25.5	49.2	80.6
Not in the labour force	Employed full time	25.9	15.0	21.4	47.3
	Employed part time	24.6	59.3	77.7	102.3
	Unemployed	32.3	30.0	54.6	86.9
	Not in the labour force	997.5	1,391.8	2,263.2	3,260.7
<hr/>					
Total flows into	Employed	98.3	93.2	140.4	238.7
	Full time	96.9	75.0	111.8	208.7
	Part time	96.0	121.3	174.0	270.0
	Unemployed	69.4	42.2	83.9	153.3
	Not in the labour force	112.6	109.1	174.1	286.7
Total flows out of	Employed	118.3	95.7	154.1	272.4
	Full time	133.8	77.4	120.6	254.3
	Part time	79.2	121.4	178.9	258.1
	Unemployed	79.3	44.5	90.5	169.7
	Not in the labour force	82.8	104.3	153.8	236.6
Total changes of status		280.3	244.5	398.4	678.7
Population represented by the matched sample		4,757.6	2,971.3	4,859.7	9,617.3

TABLE 44. FAMILY STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, AUGUST 1987

	Employed	Unemployed	Labour force	Not in labour force	Civilian population aged 15 and over		
					Males	Females	Persons
NUMBER ('000)							
Member of a family	5,812.5	459.6	6,272.1	3,593.0	4,905.7	4,959.4	9,865.1
Husband or wife	4,353.1	219.2	4,572.2	2,545.5	3,585.6	3,532.0	7,117.7
With children aged 0-14 present	2,344.5	138.9	2,483.4	826.6	1,677.6	1,632.5	3,310.1
Without children aged 0-14 present	2,008.5	80.3	2,088.8	1,718.8	1,908.1	1,899.5	3,807.6
With dependents present	2,723.2	151.5	2,874.8	941.9	1,933.1	1,883.6	3,816.7
Without dependents present	1,629.8	67.6	1,697.4	1,603.5	1,652.5	1,648.5	3,301.0
Not-married family head	223.6	35.3	259.0	313.1	99.8	472.4	572.1
With children aged 0-14 present	110.5	26.3	136.8	157.6	29.8	264.6	294.3
Without children aged 0-14 present	113.2	9.0	122.2	155.6	70.0	207.8	277.8
With dependents present	148.3	29.0	177.3	179.6	41.3	315.6	356.9
Without dependents present	75.3	6.4	81.7	133.5	58.5	156.7	215.2
Full-time student aged 15-24(a)	198.1	46.6	244.7	525.6	381.1	389.2	770.3
Other child(b) of family head	964.5	146.9	1,111.4	97.8	757.2	452.0	1,209.2
Other relative of family head	73.2	11.5	84.8	111.0	82.0	113.8	195.8
Not a member of a family	942.4	93.5	1,035.9	686.4	837.9	884.4	1,722.3
Living alone	422.6	30.8	453.4	580.2	440.0	593.5	1,033.5
Not living alone	519.8	62.7	582.5	106.3	397.9	290.9	688.8
Usual resident of a private dwelling where family status was determined	6,754.9	553.0	7,307.9	4,279.5	5,743.5	5,843.9	11,587.4
Usual resident of a private dwelling where family status was not determined	173.3	16.1	189.4	95.3	126.6	158.0	284.7
Total usual residents of private dwellings	6,928.2	569.1	7,497.4	4,374.7	5,870.1	6,001.9	11,872.1
Visitors to private dwellings	47.7	10.7	58.4	91.7	72.6	77.5	150.1
Persons enumerated in non-private dwellings	97.2	22.1	119.3	361.7	215.0	266.0	481.0
Total	7,073.2	601.9	7,675.1	4,828.1	6,157.8	6,345.4	12,503.2
PROPORTION OF TOTAL (per cent)							
Member of a family	82.2	76.4	81.7	74.4	79.7	78.2	78.9
Husband or wife	61.5	36.4	59.6	52.7	58.2	55.7	56.9
With children aged 0-14 present	33.1	23.1	32.4	17.1	27.2	25.7	26.5
Without children aged 0-14 present	28.4	13.3	27.2	35.6	31.0	29.9	30.5
With dependents present	38.5	25.2	37.5	19.5	31.4	29.7	30.5
Without dependents present	23.0	11.2	22.1	33.2	26.8	26.0	26.4
Not-married family head	3.2	5.9	3.4	6.5	1.6	7.4	4.6
With children aged 0-14 present	1.6	4.4	1.8	3.3	0.5	4.2	2.4
Without children aged 0-14 present	1.6	1.5	1.6	3.2	1.1	3.3	2.2
With dependents present	2.1	4.8	2.3	3.7	0.7	5.0	2.9
Without dependents present	1.1	1.1	1.1	2.8	0.9	2.5	1.7
Full-time student aged 15-24(a)	2.8	7.7	3.2	10.9	6.2	6.1	6.2
Other child(b) of family head	13.6	24.4	14.5	2.0	12.3	7.1	9.7
Other relative of family head	1.0	1.9	1.1	2.3	1.3	1.8	1.6
Not a member of a family	13.3	15.5	13.5	14.2	13.6	13.9	13.8
Living alone	6.0	5.1	5.9	12.0	7.1	9.4	8.3
Not living alone	7.3	10.4	7.6	2.2	6.5	4.6	5.5
Usual resident of a private dwelling where family status was determined	95.5	91.9	95.2	88.6	93.3	92.1	92.7
Usual resident of a private dwelling where family status was not determined	2.5	2.7	2.5	2.0	2.1	2.5	2.3
Total usual residents of private dwellings	98.0	94.6	97.7	90.6	95.3	94.6	95.0
Visitors to private dwellings	0.7	1.8	0.8	1.9	1.2	1.2	1.2
Persons enumerated in non-private dwellings	1.4	3.7	1.6	7.5	3.5	4.2	3.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Excludes persons aged 20-24 attending school.

(b) Aged 15 and over.

TABLE 45. FAMILY STATUS AND LABOUR FORCE STATUS OF PERSONS AGED 15 AND OVER(a), AUGUST 1987

	Employed			Unemployed		Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Part-time workers	Total	Looking for full-time work	Total					
	- '000 -								- per cent -	
MALES										
Member of a family	3,258.5	253.2	3,511.7	232.7	255.6	3,767.4	1,138.3	4,905.7	6.8	76.8
Husband	2,588.9	116.9	2,705.8	118.1	122.2	2,828.0	757.7	3,585.6	4.3	78.9
With children aged 0-14 present	1,471.2	42.8	1,514.0	76.3	78.4	1,592.4	85.2	1,677.6	4.9	94.9
Without children aged 0-14 present	1,117.7	74.1	1,191.8	41.8	43.8	1,235.6	672.5	1,908.1	3.5	64.8
With dependents present	1,681.2	53.2	1,734.5	81.2	83.8	1,818.3	114.9	1,933.1	4.6	94.1
Without dependents present	907.7	63.6	971.3	36.9	38.4	1,009.7	642.8	1,652.5	3.8	61.1
Not-married family head	58.0	4.2	62.2	5.0	5.7	67.8	31.9	99.8	8.4	68.0
With children aged 0-14 present	19.0	*	19.4	*	*	22.3	7.4	29.8	*	75.0
Without children aged 0-14 present	39.1	3.7	42.7	*	*	45.5	24.5	70.0	*	65.0
With dependents present	27.1	*	28.2	*	*	31.5	9.8	41.3	*	76.3
Without dependents present	30.9	*	33.9	*	*	36.3	22.2	58.5	*	62.1
Full-time student aged 15-24(b)	4.6	89.9	94.5	8.1	24.5	118.9	262.2	381.1	20.6	31.2
Other child(c) of family head	564.9	39.3	604.2	95.2	96.9	701.1	56.1	757.2	13.8	92.6
Other relative of family head	42.1	*	45.2	6.4	6.4	51.5	30.5	82.0	12.4	62.9
Not a member of a family	527.9	41.5	569.4	54.6	59.4	628.9	209.0	837.9	9.4	75.1
Living alone	248.5	17.1	265.6	19.7	21.0	286.6	153.4	440.0	7.3	65.1
Not living alone	279.4	24.4	303.9	34.9	38.4	342.2	55.7	397.9	11.2	86.0
Total	3,786.5	294.7	4,081.2	287.3	315.0	4,396.2	1,347.3	5,743.5	7.2	76.5
FEMALES										
Member of a family	1,311.4	989.4	2,300.8	136.0	203.9	2,504.7	2,454.8	4,959.4	8.1	50.5
Wife	870.5	776.8	1,647.3	58.8	96.9	1,744.2	1,787.8	3,532.0	5.6	49.4
With children aged 0-14 present	342.3	488.3	830.6	31.1	60.5	891.1	741.4	1,632.5	6.8	54.6
Without children aged 0-14 present	528.2	288.5	816.7	27.7	36.4	853.2	1,046.4	1,899.5	4.3	44.9
With dependents present	430.5	558.3	988.8	36.4	67.7	1,056.5	827.0	1,883.6	6.4	56.1
Without dependents present	440.0	218.5	658.5	22.4	29.2	687.7	960.8	1,648.5	4.2	41.7
Not-married family head	102.8	58.7	161.5	18.1	29.7	191.2	281.2	472.4	15.5	40.5
With children aged 0-14 present	52.8	38.2	91.0	13.0	23.4	114.5	150.1	264.6	20.5	43.3
Without children aged 0-14 present	50.0	20.4	70.4	5.1	6.2	76.7	131.1	207.8	8.1	36.9
With dependents present	74.2	45.9	120.1	14.8	25.7	145.8	169.8	315.6	17.6	46.2
Without dependents present	28.6	12.8	41.4	*	4.0	45.3	111.4	156.7	8.8	28.9
Full-time student aged 15-24(b)	*	101.3	103.6	5.5	22.1	125.8	263.5	389.2	17.6	32.3
Other child(c) of family head	313.0	47.3	360.3	49.1	50.0	410.3	41.7	452.0	12.2	90.8
Other relative of family head	22.8	5.3	28.0	4.6	5.2	33.2	80.6	113.8	15.5	29.2
Not a member of a family	306.7	66.3	373.0	29.8	34.1	407.0	477.4	884.4	8.4	46.0
Living alone	128.3	28.7	157.0	8.8	9.7	166.7	426.8	593.5	5.8	28.1
Not living alone	178.4	37.5	215.9	21.0	24.4	240.3	50.6	290.9	10.1	82.6
Total	1,618.1	1,055.6	2,673.7	165.8	238.0	2,911.7	2,932.1	5,843.9	8.2	49.8
PERSONS										
Member of a family	4,570.0	1,242.5	5,812.5	368.7	459.6	6,272.1	3,593.0	9,865.1	7.3	63.6
Husband or wife	3,459.4	893.7	4,353.1	176.9	219.2	4,572.2	2,545.5	7,117.7	4.8	64.2
With children aged 0-14 present	1,813.5	531.0	2,344.5	107.4	138.9	2,483.4	826.6	3,310.1	5.6	75.0
Without children aged 0-14 present	1,645.9	362.6	2,008.5	69.5	80.3	2,088.8	1,718.8	3,807.6	3.8	54.9
With dependents present	2,111.7	611.6	2,723.2	117.6	151.5	2,874.8	941.9	3,816.7	5.3	75.3
Without dependents present	1,347.7	282.1	1,629.8	59.2	67.6	1,697.4	1,603.5	3,301.0	4.0	51.4
Not-married family head	160.8	62.8	223.6	23.1	35.3	259.0	313.1	572.1	13.6	45.3
With children aged 0-14 present	71.8	38.7	110.5	15.2	26.3	136.8	157.6	294.3	19.2	46.5
Without children aged 0-14 present	89.1	24.1	113.2	7.9	9.0	122.2	155.6	277.8	7.4	44.0
With dependents present	101.3	47.1	148.3	17.4	29.0	177.3	179.6	356.9	16.3	49.7
Without dependents present	59.5	15.8	75.3	5.7	6.4	81.7	133.5	215.2	7.8	38.0
Full-time student aged 15-24(b)	6.9	191.1	198.1	13.5	46.6	244.7	525.6	770.3	19.0	31.8
Other child(c) of family head	877.9	86.6	964.5	144.3	146.9	1,111.4	97.8	1,209.2	13.2	91.9
Other relative of family head	64.9	8.3	73.2	10.9	11.5	84.8	111.0	195.8	13.6	43.3
Not a member of a family	834.6	107.8	942.4	84.4	93.5	1,035.9	686.4	1,722.3	9.0	60.1
Living alone	376.8	45.8	422.6	28.5	30.8	453.4	580.2	1,033.5	6.8	43.9
Not living alone	457.8	62.0	519.8	55.9	62.7	582.5	106.3	688.8	10.8	84.6
Total	5,404.6	1,350.3	6,754.9	453.1	553.0	7,307.9	4,279.5	11,587.4	7.6	63.1

(a) Civilians who were residents of private dwellings where family status was determined. See Explanatory Notes.

(b) Excludes persons aged 20-24 attending school.

(c) Aged 15 and over.

TABLE 46. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF FAMILY MEMBERS AND EMPLOYMENT STATUS(b), AUGUST 1987
('000 families)

Number of family members(c)	None employed			One employed			Two or more employed			Total		
	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total
MARRIED-COUPLE FAMILIES												
Two	502.0	26.2	528.2	241.7	20.4	262.2	459.0	..	459.0	1,202.7	46.6	1,249.3
Three	42.9	31.1	74.0	223.6	28.6	252.3	368.6	15.5	384.2	635.2	75.2	710.4
Four	19.3	25.1	44.4	265.5	40.0	305.5	552.1	33.9	586.0	836.9	99.0	935.9
Five	11.0	14.3	25.2	135.0	19.0	154.0	262.4	23.5	285.9	408.3	56.8	465.1
Six or more	9.4	13.8	23.3	47.3	9.5	56.8	100.5	15.9	116.3	157.2	39.2	196.4
Total	584.7	110.4	695.0	913.1	117.5	1,030.6	1,742.6	88.8	1,831.4	3,240.3	316.7	3,557.1
OTHER FAMILIES WITH A MALE HEAD												
Two	10.1	5.5	15.6	24.0	4.7	28.6	25.1	..	25.1	59.1	10.2	69.3
Three	) 3.9	(*	3.6	8.3	*	9.9	6.6	*	7.1	17.5	) 4.8	(20.6
Four or more	) 3.9	(*	*	*	*	3.6	3.9	*	4.5	8.6	)	( 10.3
Total	14.0	7.5	21.4	35.7	6.5	42.1	35.6	*	36.7	85.2	15.1	100.3
OTHER FAMILIES WITH A FEMALE HEAD												
Two	91.9	19.7	111.5	111.5	5.6	117.1	30.7	..	30.7	234.1	25.2	259.3
Three	49.4	12.4	61.8	39.2	6.7	45.9	24.7	) 6.3	(28.0	113.3	22.3	135.7
Four	19.7	5.3	25.0	14.0	)	( 16.0	11.7	)	( 14.8	45.4	10.5	55.8
Five or more	10.0	*	13.4	3.5	) 3.6	(5.0	4.1	) *	( 5.2	17.6	6.0	23.6
Total	171.0	40.8	211.8	168.2	15.8	184.0	71.2	7.4	78.7	410.4	64.0	474.4
OTHER FAMILIES: TOTAL												
Two	101.9	25.2	127.1	135.5	10.2	145.7	55.8	..	55.8	293.2	35.4	328.7
Three	51.9	13.4	65.4	47.5	8.3	55.8	31.4	3.7	35.1	130.8	25.5	156.3
Four	20.9	5.6	26.4	16.4	)	( 18.7	14.1	3.5	17.6	51.4	11.4	62.8
Five	8.1	)	( 11.1	)	( ) 3.7	(3.8	4.7	*	5.3	15.4	4.8	20.2
Six or more	*	) 4.1	( *	) 4.4	()	(*	*	*	*	4.8	*	6.8
Total	184.9	48.3	233.2	203.9	22.3	226.1	106.8	8.6	115.4	495.6	79.1	574.7
ALL FAMILIES												
Two	603.9	51.4	655.3	377.2	30.6	407.9	514.8	..	514.8	1,495.9	82.0	1,578.0
Three	94.8	44.5	139.3	271.2	36.9	308.1	400.0	19.3	419.3	766.0	100.7	866.7
Four	40.2	30.6	70.8	281.9	42.3	324.2	566.2	37.5	603.6	888.3	110.4	998.7
Five	19.1	17.2	36.3	137.6	20.1	157.7	267.1	24.2	291.2	423.7	61.5	485.3
Six or more	11.5	14.9	26.4	49.1	9.8	58.9	101.4	16.5	117.9	162.0	41.2	203.2
Total	769.6	158.6	928.2	1,117.0	139.8	1,256.8	1,849.4	97.4	1,946.8	3,736.0	395.8	4,131.8

- (a) See Explanatory Notes for details of exclusions to family tables.
 (b) Employment status refers to persons aged 15 and over only.
 (c) Of any age.

TABLE 47. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF CHILDREN AGED 0-14 PRESENT, NUMBER OF DEPENDENTS PRESENT, AND LABOUR FORCE STATUS(b), AUGUST 1987 ('000 families)

	Number of children aged 0-14 present			Number of dependents present			Total
	None	One	Two or more	None	One	Two or more	
NO FAMILY MEMBER EMPLOYED							
Married-couple families	578.2	40.9	75.9	562.8	47.9	84.3	695.0
One or both spouses unemployed(c)	31.3	19.0	42.7	28.9	18.7	45.4	93.0
Husband unemployed, wife unemployed	9.4	5.2	6.2	8.2	5.1	7.4	20.8
Husband unemployed, wife not in the labour force	19.7	13.0	35.5	18.8	12.6	36.9	68.2
Neither spouse unemployed	546.9	21.9	33.2	533.9	29.2	38.9	602.0
Other families	67.5	83.9	81.8	52.9	89.8	90.5	233.2
Family head unemployed	3.8	12.1	11.6	*	12.8	12.5	27.5
Male head unemployed	*	*	*	*	*	*	3.9
Female head unemployed	*	10.6	10.6	*	11.1	11.5	23.6
Family head not unemployed	63.6	71.8	70.2	50.7	76.9	78.0	205.7
Male head not in the labour force	11.5	3.9	*	9.8	4.8	*	17.5
Female head not in the labour force	52.2	67.9	68.1	40.9	72.1	75.2	188.2
All families	645.7	124.8	157.7	615.7	137.7	174.8	928.2
ONE OR MORE FAMILY MEMBERS EMPLOYED							
Married-couple families	1,329.4	558.1	974.5	1,091.9	575.2	1,194.9	2,862.0
One or both spouses unemployed(c)	38.4	23.0	41.8	29.8	23.5	49.9	103.2
Husband employed, wife unemployed	23.5	13.8	32.8	18.1	14.9	37.1	70.1
Husband unemployed, wife employed	8.4	6.0	5.5	6.9	5.6	7.4	19.9
Husband unemployed, wife unemployed	*	*	*	*	*	*	*
Husband unemployed, wife not in the labour force	4.8	*	*	3.6	*	4.7	10.4
Neither spouse unemployed	1,291.0	535.1	932.8	1,062.1	551.7	1,145.0	2,758.9
Husband employed, wife employed	766.9	308.1	502.9	616.6	313.0	648.4	1,577.9
Husband employed, wife not in the labour force	397.8	212.8	417.2	335.4	216.7	475.6	1,027.8
Husband not in the labour force, wife employed	47.7	7.6	9.3	40.2	10.5	13.9	64.6
Husband not in the labour force, wife not in the labour force	78.6	6.6	*	69.9	11.5	7.1	88.6
Other families	213.3	82.9	45.3	165.8	107.2	68.6	341.5
Family head unemployed	5.3	*	*	4.3	*	*	7.9
Male head unemployed	*	*	*	*	*	*	*
Female head unemployed	4.0	*	*	*	*	*	6.2
Family head not unemployed	207.9	81.1	44.5	161.4	104.8	67.3	333.6
Male head employed	43.0	12.0	7.3	34.4	17.3	10.6	62.3
Female head employed	70.7	58.5	32.4	41.6	72.3	47.7	161.6
Male head not in the labour force	13.4	*	*	12.7	*	*	14.8
Female head not in the labour force	80.9	10.1	4.0	72.6	14.4	7.8	94.9
All families	1,542.7	641.0	1,019.9	1,257.7	682.4	1,263.4	3,203.6
TOTAL							
Married-couple families	1,907.7	598.9	1,050.5	1,654.7	623.1	1,279.2	3,557.1
One or both spouses unemployed(c)	69.7	42.0	84.5	58.6	42.2	95.3	196.2
Husband employed, wife unemployed	23.5	13.8	32.8	18.1	14.9	37.1	70.1
Husband unemployed, wife employed	8.4	6.0	5.5	6.9	5.6	7.4	19.9
Husband unemployed, wife unemployed	11.0	5.5	6.6	9.3	5.8	8.0	23.1
Husband unemployed, wife not in the labour force	24.6	15.6	38.4	22.4	14.7	41.6	78.6
Neither spouse unemployed	1,838.0	557.0	965.9	1,596.0	580.9	1,183.8	3,360.9
Husband employed, wife employed	766.9	308.1	502.9	616.6	313.0	648.4	1,577.9
Husband employed, wife not in the labour force	397.8	212.8	417.2	335.4	216.7	475.6	1,027.8
Husband not in the labour force, wife employed	47.7	7.6	9.3	40.2	10.5	13.9	64.6
Husband not in the labour force, wife not in the labour force	625.5	28.5	36.6	603.9	40.8	46.0	690.6
Other families	280.7	166.9	127.1	218.6	197.0	159.1	574.7
Family head unemployed	9.2	13.9	12.4	6.5	15.2	13.7	35.4
Male head unemployed	*	*	*	*	*	*	5.7
Female head unemployed	6.4	12.2	11.2	4.1	13.1	12.5	29.7
Family head not unemployed	271.6	153.0	114.7	212.1	181.8	145.3	539.3
Male head employed	43.0	12.0	7.3	34.4	17.3	10.6	62.3
Female head employed	70.7	58.5	32.4	41.6	72.3	47.7	161.6
Male head not in the labour force	24.8	4.4	*	22.6	5.6	4.1	32.3
Female head not in the labour force	133.0	78.0	72.0	113.5	86.6	83.0	283.1
All families	2,188.4	765.8	1,177.6	1,873.3	820.1	1,438.2	4,131.8

(a) See Explanatory Notes for details of exclusions to family tables.

(b) Labour force status refers to persons aged 15 and over only.

(c) Includes a small number of families with husband not in the labour force and wife unemployed.

TECHNICAL NOTE

For more information on sample design, estimation procedures and reliability of the estimates, for current and earlier surveys, reference should be made to the Technical Note in *The Labour Force, Australia, Historical Summary, 1966 to 1984* (6204.0).

Estimation procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the estimates

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the estimates that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the estimate that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

4. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates for the latest month and of estimates of movements since the previous month are shown in Table 1. Standard errors of other estimates and other monthly movements should be determined by using Tables A and B.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

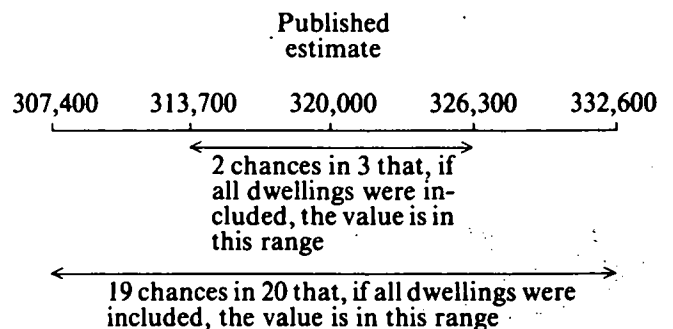
6. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. For the labour force survey, estimates which have a relative standard error larger than 25 per cent are not published. In the tables in this publication, estimates below the levels shown in Table C, and percentages based on such estimates, have not been included but are indicated with a '*'. Although estimates for these small components can be derived by subtraction in some cases, they should not be

regarded as reliable. See paragraph 9 concerning higher publication cut-off points for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is given in Table B. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of *quarterly* movements can be obtained by multiplying the figures in Table A by 1.11. Standard errors of quarterly movements calculated this way will not necessarily agree with those obtained by multiplying the figures in Table B by 1.5, which was the method shown in the June 1985 and previous issues of this publication. This is because Tables A and B are derived independently of each other. Standard errors of all *annual* movements can be obtained by multiplying the figures in Table A by 1.3. When using Table A or Table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

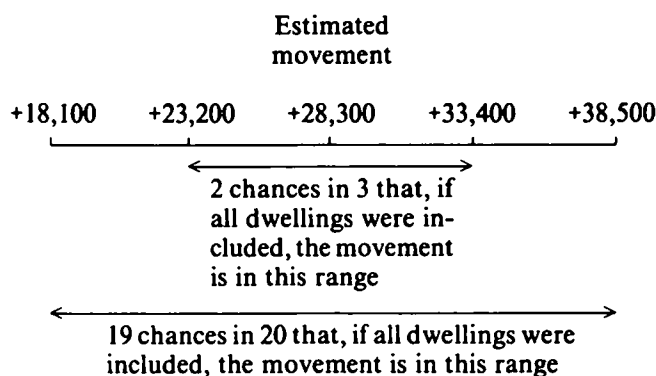
8. Examples of the calculation and use of standard errors are given below:

- (a) From Table A it will be seen that an estimate of 320,000 unemployed males looking for full-time work has a standard error of about 6,300. Therefore there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 313,700 to 326,300 and about nineteen chances in twenty that it would have been within the range 307,400 to 332,600.



- (b) An estimate of movement in the number of unemployed males looking for full-time work from one month to the next is an increase of 28,300. Table B relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case, if the larger of the two estimates from which the movement is derived was 348,300 (as occurred in December 1986), from Table B it will be seen that the standard error of the monthly movement is about 5,100. Therefore there are about two chances in three that if all

dwellings had been included in the surveys the movement would have been within the range +23,200 to +33,400 and about nineteen chances in twenty that it would have been within the range +18,300 to +38,500



9. The relative standard errors of estimates of *aggregate hours worked*, *average hours worked*, *average duration of unemployment*, and *median duration of unemployment* are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see Table A) and then multiplying the figure so obtained by the following relevant factors:

Aggregate hours worked: 1.2
Average hours worked: 0.7
Average (mean) duration of unemployment: 1.3
Median duration of unemployment: 2.0

Publication cut-off points for these and other labour force estimates (see paragraph 6) are shown in Table C on the next page. Because of these higher relative standard errors, estimates of aggregate hours worked, average duration of unemployment, and median duration of unemployment have higher cut-off points for publication (see paragraph 6) than other estimates as shown in Table A.

10. An example of the calculation of standard errors by the use of these factors is as follows:

If an estimate of median duration of unemployment for unemployed males is 19 weeks and the number unemployed is estimated as 395,400, from Table A it can be estimated that this figure (395,400) has a standard error of about 6,900 and therefore a relative standard error of about 1.7 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this figure (1.7) by the appropriate factor shown in the previous paragraph (in this case 2.0):

$1.7 \times 2.0 = 3.4$ per cent. The *standard error* of this estimate of median duration of unemployment is therefore 3.4 per cent of 19, i.e. about 1. Therefore there are about two chances in three that the median duration of unemployment for unemployed males that would have been obtained if all dwellings had been included in the survey would have been within the range 18 to 20 weeks and about nineteen chances in twenty that it would have been within the range 17 to 21 weeks.

11. Proportions and percentages (for example, participation rates) formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and denominator. The formula for the relative standard error (RSE) of a proportion or percentage is given below:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

12. Standard errors contained in Tables A and B are designed to provide an average standard error applicable for all monthly labour force survey estimates. Analysis of the standard errors applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in Tables A and B, while standard errors for unemployment and not in the labour force are approximately 3 per cent and 11 per cent respectively higher than those shown in the tables. Standard errors for capital cities are approximately the same as those for corresponding States. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons. Standard errors of estimates of persons born in Australia are approximately the same as those shown in Tables A and B. For aggregate estimates of persons born outside Australia the standard errors are about 15 per cent higher. The standard errors vary for individual countries of birth, but are generally less than 10 per cent higher.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error* and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A. STANDARD ERRORS OF ESTIMATES

Size of estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	
	— number —								per cent of estimate	
1,000						250				
1,300						280		310		
1,500						300		330		
1,800				430		330	410	350		
2,000				460	480	340	430	370		
2,500				500	530	380	470	400		
3,000			690	550	580	410	500	430		
3,500			750	590	620	440	530	450	820	23.4
4,000	950	960	800	620	660	460	560	470	880	21.9
4,500	1,000	1,000	840	650	690	480	590	500	930	20.7
5,000	1,050	1,050	880	690	720	500	610	510	980	19.6
6,000	1,150	1,150	960	740	780	540	650	550	1,100	17.9
10,000	1,450	1,450	1,200	920	970	660	790	650	1,400	13.9
20,000	2,000	1,950	1,650	1,200	1,300	860	1,050	810	1,950	9.6
50,000	2,900	2,850	2,350	1,700	1,800	1,150	1,450	1,050	2,950	5.9
100,000	3,850	3,700	3,050	2,200	2,300	1,450		1,250	3,950	3.9
200,000	5,100	4,750	3,950	2,750	2,950	1,750			5,300	2.6
300,000	5,900	5,500	4,500	3,100	3,350				6,200	2.1
500,000	7,200	6,500	5,300	3,650	3,900				7,500	1.5
1,000,000	9,200	8,100	6,600						9,700	1.0
2,000,000	11,600	9,900							12,300	0.6
5,000,000									16,500	0.3

TABLE B. STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS

Size of larger estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
1,000						230			
1,300						250		270	
1,500						270		290	
1,800				390		280	360	310	
2,000				410	420	300	370	320	
2,500				440	450	320	410	340	
3,000			680	470	490	340	440	370	
3,500			720	500	520	360	470	390	920
4,000	870	920	760	530	540	370	490	400	960
4,500	910	960	790	550	570	390	520	420	1,000
5,000	950	990	820	570	590	400	540	440	1,050
6,000	1,000	1,050	880	610	630	430	580	470	1,100
10,000	1,250	1,250	1,050	740	760	510	710	560	1,350
20,000	1,600	1,600	1,350	960	980	650	930	710	1,750
50,000	2,300	2,250	1,900	1,350	1,400	890	1,350	980	2,500
100,000	3,050	2,850	2,450	1,750	1,800	1,150		1,300	3,200
200,000	3,950	3,650	3,150	2,250	2,300	1,450			4,150
300,000	4,650	4,200	3,650	2,650	2,650				4,850
500,000	5,700	5,100	4,400	3,200	3,200				5,900
1,000,000	7,400	6,500	5,600						7,600
2,000,000	9,700	8,300							9,800
5,000,000									13,900

TABLE C. PUBLICATION CUT-OFF POINTS FOR LABOUR FORCE ESTIMATES(a)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Estimates classified by—									
Aggregate hours worked	5,600	5,600	4,200	2,500	2,800	1,400	2,400	1,800	5,100
Average hours worked	2,000	2,000	1,500	900	1,000	500	1,000	700	1,600
Average (mean) duration of unemployment	6,500	6,500	4,900	2,900	3,200	1,600	2,800	2,000	6,000
Median duration of unemployment	14,400	14,100	10,800	6,300	6,900	3,500	5,600	4,000	13,900
All other estimates	4,000	4,000	3,000	1,800	2,000	1,000	1,800	1,300	3,500

(a) See paragraph 9, page 52.

SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia, March-May 1982	6341.0
September to November 1986, Preliminary	6340.0
Annual and Long Service Leave Taken, Australia, May 1983 to April 1984	6317.0
Assisted and Unassisted Migrants, August 1972; March 1980	3406.0
Career Paths of Persons with Trade Qualifications, Australia, September to November 1982	6243.0
Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived After 1960, Australia, March 1984	6250.0
Child Care—May 1969, 1973, 1977; June 1980; November 1984	4402.0
Educational Experience and Intentions Survey, Australia, 1979	4212.0
Employed Married Women in the Labour Force, November 1979 (Queensland)	6203.3
Employment Benefits. Annually. Latest issue August 1986	6334.0
Employment Status of Teenagers, August 1978(a)	6234.0
Evening and Night Work, November 1976	6329.0
Frequency of Pay, August 1974, 1976 and 1977	6320.0
Income and Housing Survey, 1981-82—	
Income of Individuals	6502.0
Income Distribution, Australia: Income Units	6523.0
Job Search Experience of Unemployed Persons, Australia. Two-yearly. Latest issue June 1986	6222.0
Job Tenure. Latest issue August 1976	6211.0
Journey to Work and Journey to School, May 1970; August 1974	9205.0
Labour Force Experience. Annually. Latest issue February 1986	6206.0
Labour Force Status and Educational Attainment, Australia. Annually. Latest issue February 1986	6235.0
February 1987, Summary	6240.0
Labour Force Status and Other Characteristics of Families. Annually. Latest issue June 1986	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia, Summary, March 1987 (previously: Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived after 1960, Preliminary)	6249.0
Labour Mobility. Annually. Latest issue February 1986	6209.0
Migrants in the Labour Force, 1972 to 1976(a)	6230.0
Multiple Jobholding. Two-yearly. Latest issue August 1985	6216.0
Persons Retired from Full-time Work, Australia, September 1983	6238.0
Persons Who Intended to Retire from Full-time Work, Australia, September 1984	6258.0
Persons Aged 15 to 64 Years: Employment Status and Period Since Leaving School, May 1976	6225.0
Persons Not in the Labour Force, Australia. Twice-yearly. Latest issue March 1987	6220.0
March 1987, Summary	6219.0
Persons Who Had Re-entered the Labour Force, Australia, May 1985	6264.0
Persons Who Have Left the Labour Force, Australia, November 1985	6267.0
Post School Qualifications of Tradesmen and Other Employed Persons, New South Wales, November 1979	6202.1
Retirement and Retirement Intentions, Australia, November 1986 (previously: Persons Retired from Full-time Work)	6238.0
School Leavers, 1970 to 1974: Their Employment Status and Education Experience in May 1975	6226.0
Successful and Unsuccessful Job Search Experience, (previously: Methods of Obtaining Jobs) June 1986	6245.0
Superannuation, Australia, February 1974; September to November 1982	6319.0
Survey of Persons Registered with the CES as Unemployed, March 1977	6229.0
The Labour Force: Country of Birth and Period of Residence, February 1972	6207.0
Trade Union Members, November 1976, March-May 1982, August 1986	6325.0
Transition From Education to Work. Annually. Latest issue May 1986	6227.0
May 1987, Summary	6241.0
Underemployed Workers, May 1985	6265.0
Weekly Earnings of Employees (Distribution). Annually. Latest issue August 1986	6310.0
Work Patterns of Employees, November 1976	6328.0
Working Conditions, February-May 1979	6335.0
Working Hours Arrangements, Australia, February-May 1981	6338.0
Working Hours Arrangements—Supplementary Tables, Australia, February-May 1981	6339.0

(a) Estimates derived from labour force surveys. For more recent estimates, see the relevant tables in this publication.